

List of Neo-Assyrian Cuneiform Signs

A practical and critical guide to the Unicode blocks
»Cuneiform« and »Cuneiform Numbers«
of Unicode Standard Version 5.0

Version 1.2 – 14.10.2007 (codepoint in Nr. 588 fixed)

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Introduction (by R. BORGER)

November 2 and 3, 2000 the Initiative for Cuneiform Encoding (ICE) was founded in Baltimore. The initiator was D. SNYDER, Baltimore. The name was a misnomer. It should have been ICUE = Initiative for Cuneiform Unicode Encoding. The real initiative for cuneiform encoding had been taken 1987 by Paul LI. Rev. LI's pioneer font had been replaced by BORGER's fonts Akkadian RB, 1996. Akkadian RB had been vectorized and released under the name Laser Akkadian by Linguist's Software, Edmonds WA, 1999/2000. Also elsewhere cuneiform fonts had been written with various encodings.

Sign lists with Unicode encoding were written and published in the Internet by M. EVERSON (N2297, November 20, 2000, based on LI's original font), by SNYDER & S. TINNEY (N2664, to which a revision N2664R was added), and by EVERSON & TINNEY & K. FEUERHERM (N2698). June 8, 2004, EVERSON & FEUERHERM & TINNEY offered their »Final proposal to encode the cuneiform script« (N2786) to the Unicode Consortium.

Meantime, Akkadian RB had enabled BORGER to write his rather voluminous MesZL = Mesopotamisches Zeichenlexikon (Münster, March 2004), with relative ease. The sophisticated and very full Hardegsen font NeoAssyrian (F. ELLERMEIER, with highly competent technical support by M. STUDDT) enabled Ellermeier to write his Kurzglossar, likewise with relative ease.

More details about the history of cuneiform electronic fonts are given in BORGER's article Ugarit-Forschungen 35 (2003/04) 79–102 (and in MesZL chapter I).

2006, after some more changes (not always corrections), the »final proposal« was canonized by the Unicode Consortium as part of The Unicode Standard, Version 5.0. It consists of the hexadecimal numbers 12000–1236E, 12400–12462, and 12470–12473.

The code charts of Unicode Standard 5.0 are a frame that can be filled with several special fonts. Hitherto the TINNEY/EVERSON Font »Cuneiform Classic«, mainly based on the signs of the Ur III period in Southern Mesopotamia, is the sole »canonized« Unicode font with cuneiform signs in existence. IC(U)E expected that several other fonts would be prepared by cuneiformists interested in font architecture and delivered in Baltimore. For that reason codepoint numbers have been assigned providently to Hittite/Hurrite signs, a few Neo-Assyrian signs, and even one Elamite sign. However, in order to introduce the important fonts for other periods and regions, hundreds of additional provident codepoints could and should have been inserted into the »final proposal«, before offering it for Unicode »canonization«. MesZL was accessible to IC(U)E when the final proposal was written,

chapters I and II in preliminary printout even long before the book was published. BORGER's work should have inspired and enabled IC(U)E to tackle this task.

Cuneiform sign lists are traditionally based on the Neo-Assyrian signs and arranged according to the position of the basic elements of cuneiform writing. This traditional arrangement has been thoroughly revised by BORGER in his MesZL. The Neo-Assyrian script is the best and most regular version of cuneiform writing. Of course, all cuneiformists must be well acquainted with this classical script, including Sumerologists. Regrettably, it is practically impossible to arrange other versions of cuneiform writing (including the Ur III signs) by the shape of their signs in a consistent and unequivocal way.

In the Unicode Standard the characters are transliterated into, and arranged according to our Latin alphabet. The method chosen by IC(U)E is described as »a variant of simply ordering the characters according to their transliteration«: »alphabetical by primary sign name with complex signs based on the primary sign organized according to graphic principles; in some cases, these correspond to the native analyses« — whatever that may mean in detail.

Cuneiformists under given circumstances use a »conventional reading« for every sign, as described e.g. in chapter II of MesZL. The Unicode Standard introduces a new set of conventional readings, without offering any explanation. It also makes extensive use of the principle of »splittability«, again without explanations or cross references. In order to find out how in the Unicode Standard characters may have been decomposed, the user must consult Chapter II of MesZL and/or Y. GONG, Die Namen der Keilschriftzeichen. In many cases the user must write characters missing in the IC(U)E font by combining two or three other signs (14 and 21 key strokes respectively!), and he must find out the codepoints of these shorter signs himself. Some signs are »splittable« in the third millennium, but not in all other periods; so they should by all means have got codepoints of their own. It is not to be expected that Assyriologists will ever replace their ways of transliterating cuneiform texts by the system of the Unicode Standard of 5.0. The codes of Unicode are complicated and susceptible to errors. The impracticable (or even bad) »conventional readings« and the rather thoughtless splitting of characters are obstacles for users, even if they are qualified Assyriologists.

Users of the present TINNEY/EVERSON Unicode font will very quickly be confronted with its shortcomings. The linguist D. A. BACHMANN (Zürich) tried to help users of the Unicode font with its cuneiform blocks by publishing a »List of cuneiform signs« in the Wikipedia (October 2006). He organized and numbered the cuneiform signs in agreement with MesZL. After the first column of his list he mentions the traditional Deimel numbers, the numbers of the Hethitisches Zeichenlexikon, the Unicode codepoint numbers according to the »Standard 5.0«, and the Unicode »conventional readings«. When this list became known to Mrs. STUDT (Hardeggen), she contacted BORGER about the pros and cons of Bachmann's list. BORGER had in course of time succeeded in deciphering most of the secret lore of the Unicodists. He had discovered several errors, mainly in N2664 (see Ugarit-Forschungen 35 96ff.), but also in the later proposals. Supported by BORGER's notes, Mrs. STUDT wrote a thoroughly revised version of BACHMANN's list.

Her revised BACHMANN list contains:

Col. 1) The sign numbers of MesZL;

Col. 2) The traditional numbers of DEIMEL etc., completed and adapted in ELLERMEIER and STUDT, HA (see Col. 5);

Col. 3) The numbers of MITTERMAYER, aBZL = Altbabylonische Zeichenliste der sumerisch-literarischen Texte, Fribourg and Göttingen 2006 (a very useful contribution to Sumerian paleography);

- Col. 4) The numbers of RÜSTER and NEU, Hethitisches Zeichenlexikon;
- Col. 5) The Neo-Assyrian signs, from the ELLERMEIER and STUDDT font NeoAssyrian.ttf (see ELLERMEIER and STUDDT, Sumerisches Glossar, Band 3 Teil 6, Hardegsen 2003, Handbuch Assur, together with CD-ROM; with the aid of AutoText circa 9000 Sumerian and Akkadian transliterations can be converted into cuneiform signs, bitmaps as well as TrueTypes). A few signs were additionally digitized especially for this sign list;
- Col. 6) The sign names (conventional readings) according to MesZL, HA etc.;
- Col. 7) The Unicode codepoint numbers (here the entries »A & B« and »A & B & C« indicate the numerous characters that can only be written by combining two or three shorter signs);
- Col. 8) The Unicode sign names (conventional readings);
- Col. 9) Comments.

According to the IC(U)E proposals, including N2786 (June 2004, the »final proposal«, where MesZL is quoted and used a few times) all existing non-Unicode cuneiform fonts are failures. For the Hardegsen font the reader may simply have a look at column 5 of the revised Bachmann list, and he will immediately recognize that the Hardegsen Font is an excellent tool. As to my own »Akkadian RB«, let me state that the users of MesZL (and Babylonisch-Assyrische Lesestücke³, 2006) did not yet rebuke the aged author (*1929) for the bad quality of his fonts and for not having waited till a superior Neo-Assyrian font would have been standardized by IC(U)E and the Unicode Consortium. For the Helsinki font in its actual form see PH. TALON, Enūma eliš (Helsinki 2005, with forthcoming review by BORGER in *Orientalia NS*).

The dogma »There is no Code but Unicode and Unicode is the Standard« is not valid for cuneiform studies!

It is difficult to believe that Unicode 5.0 will ever be a starting point for a generally acceptable comprehensive set of cuneiform fonts for other periods and regions.

Presently the only publication using the signs of a Unicode cuneiform font (based on proposal N2698, January 29, 2004; not yet on N2786, June 8, 2004) is TINNEY's electronic »ePSD« (July 31, 2004). Printouts are present in several libraries. The cuneiform signs in this »provisional draft« are clear, but their use leaves much to be desired. Characters not found in N2698 are simply silently omitted. The enlarged version »PSD draft – not for citation« (April, 2005) in the printout known to me has no cuneiform signs at all. To this enlarged version four electronically prepared indices have been added. The second index of the PSD draft, comprising 66 pages, is arranged according to the IC(U)E conventional readings. Apparently the users were supposed to make themselves perfectly acquainted with all conventional readings used by IC(U)E, in order to profit by the blessings of the Unicode standard.

The list of BACHMANN & STUDDT may be helpful for students who would like to find references to Unicode codepoints and conventional readings on the basis of MesZL Chapter II.

A printout of this list combined with a printout of

- <http://www.unicode.org/charts/PDF/U12000.pdf> and
- <http://www.unicode.org/charts/PDF/U12400.pdf>

may pave the way to TINNEY's »Cuneiform Classic«. It should, however, be kept in mind that TINNEY's font, which contains numerous signs reconstructed from later sources, is not a real paleographical tool on the level of MITTERMAYER, aBZL and FOSSEY, Manuel II.

Very recently Mrs. STUDDT discovered in the inexhaustible Internet an open type font by GEORGE DOUROS, called »Akkadian.otf« (2007). The cuneiform signs of »Akkadian.otf« are identical with the

signs of TINNEY's »Cuneiform Classic« as represented in the charts of Unicode Standard 5.0. DOUROS added to the Supplementary Private Use Plane two new blocks: F2000–F208B = Names of the extra glyphs, and F2400–F2418 = Cuneiform numbers and punctuation. In SNYDER's Proposal N2664 a large number of signs have been changed, corrected or omitted in the later proposals N2698 and N2786, and TINNEY cum suis had good reasons to do so. The supplement of DOUROS is simply a collection of errors etc. committed in N2664! So the so-called extra glyphs must nearly completely be deleted. The list of the cuneiform numbers has some signs not found in the canonized version, but here all new entries should be checked carefully.

See <http://users.teilar.gr/~g1951d/Akkadian.pdf>

As shown by the Internet documents on cuneiformsigns.org of LLOYD B. ANDERSON (Ecological Linguistics, Washington DC; participant in the Baltimore ICE congress of November 2000), Dr. ANDERSON during the first months of 2004 made serious efforts and adduced strong arguments in order to convince the Unicode Technical Committee that the project was on the wrong track. 2002 I had sent him the first two chapters of my MesZL on floppy disks. So he was able to use my new sign order and numbering, which he kindly called »a real improvement«, in his discussion with IC(U)E and Unicode a few months before MesZL was published. The UTC, however, neglected ANDERSON's valuable suggestions. So important practical guidelines of the project were decided by persons, who were no cuneiformists at all. If the UTC had taken ANDERSON's suggestions seriously, many entries of our new list would not have had to be written.

Cuneiformists who must use the present imperfect »standard« TINNEY font may feel grateful for support given by specialists who, though not belonging to the select inner circle of Unicode and ICE, are well acquainted with the development of studies on cuneiform up to the present time. Users of Mrs. STUDDT's document will enjoy its practical layout - and even its aesthetical quality.

Göttingen, June 2007, Rykle Borger

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This sign list bases upon the [List of Cuneiform Signs](#) from the free Encyclopedia [Wikipedia](#) and is published under the [GNU Free Documentation License](#). In Wikipedia a [list of authors](#) (version history) is available.

The first version by D. A. BACHMANN was launched October 2006. The second version by M. STUDDT, supported by R. BORGER, was launched May 2007. In Wikipedia, the sign list had to be published without introduction and without cuneiform signs.

Hardegsen near Göttingen, June 2007, Margret Studt

AŠ

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
1	001	001	1		AŠ	U+12038	ASH	
2	002		1		AŠ.AŠ	U+12400	NUMERIC SIGN TWO ASH	"2"
3	002	007	2		HAL	U+1212C	HAL	
4	002a	002			EŠ ₆ (AŠ.AŠ.AŠ)	U+12401	NUMERIC SIGN THREE ASH	"3"
5	009	003	4		BAL	U+12044	BAL	
6	010	008	6		GÍR	U+12108	GIR2	
7	010	008	6		GÍR-gunû	U+12109	GIR2 GUNU	
8	011	013			BÚR	U+12054	BUR2	
9	012	231	7		TAR	U+122FB	TAR	
10	013	009	8		AN	U+1202D	AN	
11	014				AŠ+SUR	U+12038 & U+122E9	ASH & SUR	ligature
12	003	012	22		MUG	U+1222E	MUG	
13	004	011			ZADIM (MUG-gunû)	U+1222F	MUG GUNU	
14	005	303	205		BA	U+12040	BA	
15	006	304	209		ZU	U+1236A	ZU	
16	007	305	213		SU	U+122E2	SU	
	007v	305	213		SUoverSU	U+122E2	SU OVER SU	
17	008	306	230		ŠEN (SU×A)	U+122BF	SHEN	
18	050	016	16		ARAD	U+12034	ARAD	
19	051	017			ÁRAD (ARAD×KUR)	U+12035	ARAD TIMES KUR	reconstruction
20	052	334	84		ITI (UD×EŠ)	U+12317	UD TIMES U PLUS U PLUS U	
					ITI (UD-šeššig)	U+1231A	UD SHESHIG	
21	052xv				ÍTI (ITI×BAD)	U+1231B	UD SHESHIG TIMES BAD	
22	053	004			ŠUBUR	U+122DA	SHUBUR	
23	053		309		ŠAH	Neo-Assyrian: use U+122DA (SHUBUR)		
24	015	312	133		KA	U+12157	KA	
25	015x				KA×GÍR	U+12168	KA TIMES GIR2	uncertain
26	016	325	146		TU ₆ (KA×LI)	U+12172	KA TIMES LI	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
27	15xx				KA×TU			variant of n72 URU×TU
28	016a				KA×RU	U+1217D	KA TIMES RU	
29	017	314			UŠ ₁₁ (KA×BAD)	U+1215C	KA TIMES BAD	
30	017an		134		KA×MAŠ/BAR	U+1215E	KA TIMES BAR	
31	018v	315	135		NUNDUM (KA×NUN)	U+1217B	KA TIMES NUN	
32	018x	316	136		SU ₆ (KA×SA)	U+1217E	KA TIMES SA	
33	019	321			PÜ (KA×KÁR)	U+12164	KA TIMES GAN2 TENU	
34	020				KA×AD.KUG	U+1215A	KA TIMES AD PLUS KU3	
35	022x	313			KA×NE	U+1217A	KA TIMES NE	
36	022xn1		137		KA×ÚR			Hitt.
37	023				KA×KIB	U+1216A	KA TIMES GISH CROSSING GISH	
38	023n		140		KA×GAG	U+1216F	KA TIMES KAK	
39	022xn2				KA×UŠ	U+1218B	KA TIMES USH	
40	023n2		138		KA×PA			Hitt.
41	023n3		139		KA×GIŠ			Hitt.
42	024	319			KA×ŠID	U+12182	KA TIMES SHID	
43	024x				KA×Ú	U+12188	KA TIMES U2	
44	025	318			KA×GA	U+12162	KA TIMES GA	
45	025a/021	324			KA×SAR	U+1217F	KA TIMES SAR	
46	025n				KA×ÁŠ	U+1215B	KA TIMES ASH2	
47	025b	317			KA×DÚB/BALAG	U+1215D	KA TIMES BALAG	
48	025c				KA×ŠA	U+12180	KA TIMES SHA	
49	026	320			ŠÜDU (KA×ŠU)	U+12183	KA TIMES SHU	
50	027	323	145		KA×ŠE	U+12181	KA TIMES SHE	
51	028		143		KA×UD	U+12189	KA TIMES UD	
52	028n				KA×PI	U+1217C	KA TIMES PI	
53	029x				KA×ERIM	U+12160	KA TIMES ERIN2	variant of n129 AG×ERIM
54	030	322	144		BÚN (KA×IM)	U+1216E	KA TIMES IM	
55	030n				KA×HAR			

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
56	031n1		141		KA×U	U+12187	KA TIMES U	Hitt.
57	031				KA×MI	U+12178	KA TIMES MI	
58	031xx				KA×"EŠ"			variant of n32 KA×SA
59	031n2				KA×IGI	U+1216D	KA TIMES IGI	variant of n79 URU×IGI
60	031x				KA×KI	U+12170	KA TIMES KI	
61	032	326	147		EME (KA×ME)	U+12174	KA TIMES ME	
	032n1				KA×ME.GI	U+12176	KA TIMES ME PLUS GI	
	032n2				KA×ME.DU	U+12175	KA TIMES ME PLUS DU	
	032n3				KA×ME.TE	U+12177	KA TIMES ME PLUS TE	
62	033	327			KA×ŠĚ	U+12161	KA TIMES ESH2	
63	033n				KA×GUR ₇	U+1216C	KA TIMES GUR7	
64	035	328	148		NAG (KA×A)	U+12158	KA TIMES A	
65	036	329	149		GU ₇ (KA×NÍG)	U+12165	KA TIMES GAR	
66	036a				KA×KADRA (NÍG.ŠĀ.A)	U+12166	KA TIMES GAR PLUS SHA3 PLUS A	
67	036an		150		KA×ĀŠ			Hitt.
68	035n				KA×SIG	U+12184	KA TIMES SIG	
69	034				KA×GU	U+1216B	KA TIMES GU	
70	034n		142		KA×LUM			
71	038	181	229		URU (IRI)	U+12337	URU	
72	039	188			URU×TU	U+1234B	URU TIMES TU	variant of n27
73	040	186	134		UKKIN (URU×MAŠ/BAR)	U+1233A	URU TIMES BAR	
74	040xxx/ 043v	187			URU×KÁR	U+1233E	URU TIMES GAN2 TENU	
75	041	182	(229)		BANŠUR (URU×URUDU)	U+1234E	URU TIMES URUDA	
76	042	183			ŠĀKIR (URU×GA)	U+1233C	URU TIMES GA	
77	043				ÚRU (URU×UD)	U+1234D	URU TIMES UD	
78	045				URU×UL	U+1234C	URU TIMES U PLUS GUD	
79	044	184			ASARI (URU×IGI)	U+12342	URU TIMES IGI	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
80	49x	189			GIŠGAL (URU×MIN)	U+12347	URU TIMES MIN	
81	46xxx				URU×A	U+12338	URU TIMES A	
82	047	190			URU×HA	U+12341	URU TIMES HA	
83	049	191			ĒRIM (URU×NÍG)	U+1233F	URU TIMES GAR	
84	046	185			URU×GU (GUR ₅)	U+12340	URU TIMES GU	
85	059	381	343		LI	U+121F7	LI	
86	058	382	346		TU	U+12305	TU	
87	058	375			KU ₄	U+121AD	KU4	
88	058	283	315		GUR ₈ (TE-gunû)	U+122FD	TE GUNU	
89	055	177	95		LA	U+121B7	LA	
90	056	005	9		APIN (ENGAR)	U+12033	APIN	
91	057	006	10		MAḤ	U+12224	MAH	
92	060	249	256(1)		PAB or PAP	U+1227D	PAP	
	060a				UTUKI ("KÚR.IR.GÍDIM")	U+12359	UTUKI	belongs to n585; cf. MSL 17 228 289
93	060+002		256(2)		PÚŠ (PAB.ḤAL)	U+1227D & U+1212C	PAP & HAL	
94	060+060	264	257		BÛLUG	U+1227D & U+1227D	PAP & PAP	
95	060+212				PAB.IŠ (PA ₆)	U+1227D & U+12156	PAP & ISH	
96	060+308				PAB.E (PA ₅)	U+1227D & U+1208A	PAP & E	
	308n2				E×PAB	U+1208B	E TIMES PAP	reconstruction
97	060x	268			GĀM (PAB.NÁ)	U+1219B	KAM4	
98	061	020	17		MU	U+1222C	MU	
99	062	269	21		ŠĪLA	U+122E1	SILA3	
100	065				ŠEŠLAM	U+122C2	SHESHLAM	
101	066				ZloverZI	U+12364	ZI OVER ZI	
102	066c	149			NÚMUN (ZloverZI.LAGAB)	U+12364 & U+121B8	ZI OVER ZI & LAGAB	
103	066b	150			ZloverZI.ŠĒ	U+12364 & U+120A0	ZI OVER ZI & ESH2	
104	066a	151			ZloverZI.A	U+12364 & U+12000	ZI OVER ZI & A	
105	067	250	258		GIL (GloverGI parall. or crossed)	U+12103	GI CROSSING GI	
106	063d	058	227		KÍD (TAG ₄)	U+122FA	TAK4	
107	063d				NUNcrossingNUN	U+1226B	NUN CROSSING NUN	
108	063a				KÁD	U+12190	KAD2	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
109	063c		(227)		KĀD	U+12191	KAD3	
110	070	024	15		NA	U+1223E	NA	
111	068	060	43		RU	U+12292	RU	
112	075	019	11		NU	U+12261	NU	
113	069	025	13		BAD	U+12041	BAD	
					IDIM	U+12142	IDIM	
					TIL	U+12300	TIL	
					ÚŠ	U+12357	USH2	
114	069	025	13		ĚŠE (AŠ+U)	U+12458	NUMERIC SIGN ONE ESHE3	
115	071	028	5		ŠIR (NU ₁₁)	U+122D3	SHIR	
						U+12262	NU11	
116	071n	464			ŠIR-tenû	U+122D4	SHIR TENU	
117	072	026	12		NUMUN	U+121B0	KUL	
	072a				NUMUN-gunû	U+121B1	KUL GUNU	
118	073	023	37		TI	U+122FE	TI	
	073av				TI-tenû	U+122FE	TI TENU	
119	465	361	330		DIN	U+12077	DIN	
	465+166 +351 (350+480)				DIN.KASKAL.SIG ₇ (resp. DIN.KASKAL. GAŠAN.DIŠ)	U+12078	DIN KASKAL U GUNU DISH	cf. MSL 14 364 221; MSL 16 137 219
120	74	029	20		MAŠ	U+12226	MASH	
121	74	057	20		BAR	U+12047	BAR	
122	74	029	20		BĀN	U+1244F	NUMERIC SIGN ONE BAN2	
123	074_182				KÚNGA (BAR.AN)	U+12047 & U+1202D	BAR & AN	
124	074_238	030 (IDIGNA) 087 (DALLA)	253		IDIGNA (DALLA/ MAŠ.GÚ.GĀR)	U+12226 & U+12118 & U+120FC	MAŠ & GU2 & GAR3	
125	074_335				GÍDIM (MAŠ.U)	U+12226 & U+1230B	MASH & U	
126	074+471				MAŠ.MAN	U+12226 & U+1230B & U+1230B	MAŠ & U & U	
127	097	052	81		AG	U+1201D	AK	
128	097a				AG×ŠÍTA	U+1201F	AK TIMES SHITA PLUS GISH	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
129	098	053	82		MĒ (AG×ERIM)	U+1201E	AK TIMES ERIN2	
130	076	031	38		MÁŠ	U+12227	MASH2	
131	077	032	35		KUN	U+121B2	KUN	
132	078	034	24		ĤU	U+12137	HU	
133	078a	033	25		U₅	ePSD s.v. u₅ ĤU.SI erroneous! Sign not splittable		
134	079	042	39		NAM	U+12246	NAM	
135	79av	043	39(2)		BURU₅ (NAM.ERIM) etc.	U+12246 & U+1209F etc.	NAM & ERIN2	U+12245 NAM NUTILLU: uncertain
136	080	061	67		IG (GÁL)	U+12145	IG	
137	081	035	26		MUD	U+12137 & U+1212D	HU & HI	
138	082	036			SA₄ (ĤU.NÁ)	U+12137 & U+1223F	HU & NA2	
139	083	038	29		ŠĪTA (RAD)	U+122E5	SUD2	
140	084	041	33		ZI	U+12363	ZI	
141	085	040	30		GI	U+12100	GI	
	085n2(v)		31	 The second glyph indicates the position of the inscribed sign in the Hurr. original.	GI×E	U+12101	GI TIMES E	reconstruction; Hitt., esp. Hurr.
142	086	039	32		RI	U+12291	RI	
143	087	047	36		NUN	U+12263	NUN	
144	087	241			NUN-tenû	U+12269	NUN TENU	
145	087a	048	34		TÛR (NUN.LAGAR)	U+12263 & U+121EC	NUN & LAGAR	
	063_27n				NUNcrossingNUN. LAGARoverLAGAR	U+1226C	NUN CROSSING NUN LAGAR OVER LAGAR	to n147 also
146	087aa				IMMAL (NUN. LAGAR×BAR/MÁŠ)	U+12265	NUN LAGAR TIMES MASH	
146'	087aan				TÛR×UŠ	U+12265	NUN LAGAR TIMES USH	
146''	087cn				TÛR×NÍG	U+12264	NUN LAGAR TIMES GAR	
147	087b; 460x	049			ŠĪLAM (NUN. LAGAR×MUNUS)	U+12266	NUN LAGAR TIMES SAL	
	087c				ŠĪLAMoverŠĪLAM	U+12267	NUN LAGAR TIMES SAL OVER NUN LAGAR TIMES SAL	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
148	088	226	49		KAB	U+1218F	KAB	
149	088	445	49		HUB	U+12138	HUB2	
150	089	446	50		HUB (HUBxUD)	U+1213D	HUB2 TIMES UD	
151	101	056	42		SUR (ŠUR)	U+122E9	SUR	
152	102	045			MÜŠ (MÜŠ-gunû)	U+1223D	MUSH3 GUNU	
153	103v	044	41		MÜŠ (INANNA)	U+12239	MUSH3	
154	103a	046	27		MÜŠxA	U+1223A	MUSH3 TIMES A	
155	103b				SED (MÜŠx A.DI)	U+1223B	MUSH3 TIMES A PLUS DI	
156	103cv				MÜŠxZA			
157	090	299	173		GAD	U+120F0	GAD	
158	092				GAD.KÍD	U+120F0 & U+122FA	GAD & TAK4	
159	092a	300			AKKIL (GAD.KÍD.SI)	U+120F0 & U+122FA & U+122DB	GAD & TAK4 & SI	
160	092b	301	166		UMBIN (GAD.KÍD.ÚR)	U+12322	UMBIN	
161	092c				SIG ₈ (GAD.KÍD.GIŠ)	U+120F0 & U+122FA & U+12111	GAD & TAK4 & GISH	
162	093	302	85		ŠINIG (GAD.NAGA)	U+122D2	SHINIG	
163	091	336			KINDA (GAD.NÍG over GAD.NÍG)	U+120F1	GAD OVER GAD GAR OVER GAR	
164	099	062	40		EN	U+12097	EN	
	099c				ENME	U+1209A	EN TIMES ME	
	099a1				EN over EN crossed	U+1209B	EN CROSSING EN	
	099b1				4xEN squared	U+1209D	EN SQUARED	
	099b2				"4xEN" (KU over HAR.KU over HAR)	U+121AB	KU OVER HI TIMES ASH2 KU OVER HI TIMES ASH2	
	099b3				"AŠ over AŠ. KU over KU. KU over KU.KÚR" / GAŠMU	U+1203B	ASH OVER ASH TUG2 OVER TUG2 TUG2 OVER TUG2 PAP	cf. MSL 17 229 292
165	054	063	274		BURU ₁₄ (ENxKÁR/ENxGÁN)	U+12098	EN TIMES GAN2	
	054n				ENxKÁR (GÁN-tenû)	U+12099	EN TIMES GAN2 TENU	reconstruction

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
166	100; 063x	365	71		DĀR	U+12070	DARA3	
167	094	014	14		DIM	U+12074	DIM	
168	095v, 095	015	18		DIM×ŠE, later DIM×KUR	U+12075	DIM TIMES SHE	
169	096	018			BULUG	U+12051	BULUG	
	096a	018			MÉNBULUG (BULUGoverBULUG)	U+12051	BULUG OVER BULUG	
170	109	124	170		LĀL (TA×HI)	U+122ED	TA TIMES HI	cf. n250
171	110	070	184		KU7	U+121AF	KU7	
172	104	147	200		SA	U+12293	SA	
173	104_6	443	80		AŠGAB	U+1203F	ASHGAB	
174	105	106	61		GĀN	U+120F7	GAN2	
	105n2				GĀNoverGĀN	U+120F9	GAN2 OVER GAN2	to be deleted
175	105	246			KĀR (GĀN-tenû and ŠĒ-tenû)	U+120F8	GAN2 TENU	
176	106	089	201		GÚ (TIK)	U+12118	GU2	
177	107n	090			USAN (GÚ×NUN, GÚ.NUN)	U+1211B	GU2 TIMES NUN	
178	108	088	202		DUR (GÚ×GAG, GÚ.GAG)	U+12119	GU2 TIMES KAK	
179	108x	089	201		GUN (GÚ.UN)	U+12118 & U+12327	GU2 & UN	
180	111	092	185		GUR	U+12125	GUR	
181	112	164	86		SI	U+122DB	SI	
182	113	165			SU ₄ (SI-gunû)	U+122DC	SI GUNU	
183	113	037	83		DAR (GÛN; ĤU-gunû, SI-gunû)	U+1206F	DAR	
	114				DAR (GÛN; ĤU-gunû, SI-gunû)			variant of n183
184	115	309	192		SAG	U+12295	SAG	
	115n2	309	192		SAGoverSAG	U+122A7	SAG OVER SAG	
185	115n				SAG×NUN	U+1229E	SAG TIMES NUN	
186	118				SAG×UM	U+122A4	SAG TIMES UM	
187	121_6				SAG×DU	U+12297	SAG TIMES DU	
188	116	330			SAG×GAG	U+1229A	SAG TIMES KAK	
189	121_5				SAG×NI			uncertain

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
190	116n				SAG×UŠ	U+122A6	SAG TIMES USH	
191	117	310			DILIB (SAG×ŠID)	U+122A0	SAG TIMES SHID	
192	121_8				SAG×Ú	U+122A2	SAG TIMES U2	
193	121_7				SAG×UB	U+122A3	SAG TIMES UB	
194	121_10				SAG×SIG ₇			
195	119				KÂN (SAG×MI)	U+1229D	SAG TIMES MI	
196	121				SAG×UR	U+122A5	SAG TIMES UR	
197	121n				SAG×A	U+12296	SAG TIMES A	
198	121_1				SAG×ĤA	U+12299	SAG TIMES HA	
199	120				SAG×MUNUS	U+1229F	SAG TIMES SAL	
200	120n				SAG×LUM	U+1229C	SAG TIMES LUM	
201	122	050	87		MÁ	U+12223	MA2	
202	122a	051			DIMGUL ("MÁ.MUG")	U+12223 & U+1222E	MA2 & MUG	
203	122b	054	23		ÛZ ("MÁ.KASKAL")	U+1235A	UZ3	
204	122c				ÛZ.KASKAL	U+1235B	UZ3 TIMES KASKAL	
205	122d	055			SUR ₉ (MÁ.KASKAL. SIG ₇ and similar)	U+122EA	SUR9	
206	122dv				SUR ₁₀ (MÁ.SIG ₇ and similar)			
207	123	164	89		DIR (SI.A)	U+122DB & U+12000	SI & A	
208	123n				"niq"			Babyl.





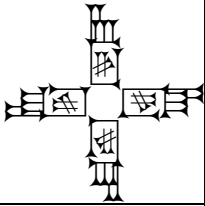













TAB
TAB (two AŠ)

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
209	124	109	90		TAB	U+122F0	TAB	"2"
	127	109	90		4×TAB forming a cross	U+122F2	TAB SQUARED	see MesZL n503
	125a	109	90		TABoverTAB. NIoverNI. DIŠoverDIŠ	U+122F1	TAB OVER TAB NI OVER NI DISH OVER DISH	
210	124a				EŠ ₂₁ (TAB.AŠ)	U+1243B	NUMERIC SIGN THREE VARIANT FORM ESH21	
211	125n				MEGIDDA (TAB.TI)	U+122F0 & U+122FE	TAB & TI	
212	210	077	131		GEŠTIN (GIŠ.DIN)	U+120FE	GESHTIN	
213	210a				GEŠTIN×KUR	U+120FF	GESHTIN TIMES KUR	
214	125v				MÉGIDDA (TAB.KUN)	U+122F0 & U+121B2	TAB & KUN	
215	124_42	110			LÍMMU (TAB.TAB)	U+121F9	LIMMU2	
						U+12402	NUMERIC SIGN FOUR ASH	"4"
216	125b				IA ₇ (TAB.TAB.AŠ)	U+12403	NUMERIC SIGN FIVE ASH	"5"
217	125c				AŠ ₄ (TAB.TAB.TAB)	U+12404	NUMERIC SIGN SIX ASH	"6"
218	125d				ÍMIN (TAB.TAB.TAB.AŠ)	U+12405	NUMERIC SIGN SEVEN ASH	"7"
219	125e				ÚSSU (TAB.TAB.TAB.TAB)	U+12406	NUMERIC SIGN EIGHT ASH	"8"
220	125f				ÍLIMMU (TAB. TAB.TAB.TAB.AŠ)	U+12407	NUMERIC SIGN NINE ASH	"9"
221	126	122	91		TAG (ŠUM)	U+122F3	TAG	
	126bv	122	91		TAG×GU ₄	U+122F5	TAG TIMES GUD	
	126cv	122	91		TAG×ŠU	U+122F7	TAG TIMES SHU	
	126dv	122	91		TAG×UD	U+122F9	TAG TIMES UD	
	126fv	122	91		TAG×TÚG	U+122F3	TAG TIMES TUG2	
222	133	175	167		KÁ	U+1218D	KA2	
223	128	125	97		AB	U+1200A	AB	
224	128xv				AB×NUN			

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
225	198				AB×KÁR	U+1200E	AB TIMES GAN2 TENU	
226	200c				AB×ŠEŠ	U+12013	AB TIMES SHESH	
227	200an	127			AB×ÁŠ	U+1200B	AB TIMES ASH2	reconstruction
228	194	128			URUGAL (AB×GAL)	U+1200D	AB TIMES GAL	
229	196				AB×SIG ₇	U+12010	AB TIMES IGI GUNU	
230	132	111	109		URUDU (URUDA)	U+1234F	URUDA	
231	128xxxx				AB×U			
	200bn				AB×AŠ			
232	195	129	111		UNUG (AB-gunû and/or AB×EŠ)	U+12015	AB GUNU	
						U+12014	AB TIMES U PLUS U PLUS U	
233	197				AB×KI			
234	198a				AB×LAGAB	U+12012	AB TIMES LAGAB	
235	199				AB×GÍN	U+1200C	AB TIMES DUN3 GUNU	
236	200	131			NINA (AB×ĤA)	U+1200F	AB TIMES HA	
237	200d				AB×IMIN	U+12011	AB TIMES IMIN	
238	134	113	98		UM	U+1231D	UM	
239	135a		to 109		UM×U	U+12321	UM TIMES U	
	132n1		to 109		URUDU×U	U+12350	URUDA TIMES U	old
240	316				UM×U.LAGAB			
	132n2				URUDU×U.LAGAB			old
241	137				UM×ME.DA	U+1231F	UM TIMES ME PLUS DA	
242	138	112b	99		DUB	U+1207E	DUB	
243	138a				DUB×ŠE			
244	135				DUB×ŠĀ			U+12320 UM TIMES SHA3 to be deleted
245	136; 316v1				DUB×LAGAB			U+1231E UM TIMES LAGAB to be deleted
246	129		100		NAB (ANoverAN)	U+1202E	AN OVER AN	
247	129a	010	101		MUL (ANoverAN.AN)	U+1202F	AN THREE TIMES	

TAB

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
248	139	123	160		TA	U+122EB	TA	
	139n2	123	160		TA*	U+122EC	TA ASTERISK	Assyrian
249	141a				TA-gunû	U+122EF	TA GUNU	
250	141				TA×HI	U+122ED	TA TIMES HI	needless Assyrian reconstruction of n170
251	140				TA×MI	U+122EE	TA TIMES MI	
252	142	192	217		I	U+1213F	I	
253	143	120	113		GAN	U+120F6	GAN	
254	143				KÁM			
255	144	393	237		TUR (DUMU)	U+12309	TUR	
256	144n				TUR.DIŠ	U+12309 & U+12079	TUR & DISH	
257	144f				ZIZNA (TUR over TUR, ZA over ZA)	U+1230A	TUR OVER TUR ZA OVER ZA	
258	145	132	105		AD	U+1201C	AD	
259	147	126	108		ZÍ (AB×PA)	U+12362	ZE2	
260	142a	193	218		IA (I.A)	U+12140	I A	
261	148	386	354		IN	U+12154	IN	
262	149	221b			RAB	U+12290	RAB	in old texts = n266 LUGAL
263	150v1				DIM ₈ (RAB.GAN)	U+12290 & U+120F6	RAB & GAN	
264	150	254	116		DÌM (RAB.GAM)	U+12290 & U+120F5	RAB & GAM	
265	150v3				DIM ₁₀ (RAB.KAM*)			to n264
266	151	221a	115		LUGAL	U+12217	LUGAL	
	151vn				LUGAL over LUGAL	U+12218	LUGAL OVER LUGAL	
267	150v2				DIM ₉ (LUGAL.GAN)	U+12217 & U+120F6	LUGAL & GAN	to n264
268	151v				LUGAL. LUGAL inversum	U+12219	LUGAL OPPOSING LUGAL	to n266
269	150v4				DIM ₁₁ (LUGAL.KAM*)			to n264
270	146	218	219		HAŠHUR (MA-gunû)	U+12222	MA GUNU	
271	152	152a,b,c	106		EZEN	U+120A1	EZEN	
					EZEN (KEŠDA)	U+1219F	KESH2	
272	152_8b				BÂD (UG ₅ (EZEN×AN))	U+120A1	EZEN TIMES AN	old form of n275 EZEN×BAD

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
273	153				EZENxLI	U+120B1	EZEN TIMES LI	
274	152_9	154			EZENxLA	U+120AF	EZEN TIMES LA	
275	152_8	153	114		BÀD (UG ₅ (EZENxBAD))	U+120A6	EZEN TIMES BAD	see also n272
276	153_1				EZENxSI			uncertain
277	152_4	157			UBARA (EZENxKASKAL)	U+120AC	EZEN TIMES KASKAL	
	152_4v				4xUBARA forming a cross	U+120AD	EZEN TIMES KASKAL SQUARED	
278	154				EZENxGU ₄			
279	154_1n				EZENxÚ	U+120B3	EZEN TIMES U2	
280	154a				EZENxMIR			U+120A8 EZEN TIMES DUN3 GUNU GUNU pertinent?
281	155				EZENxSIG ₇	U+120AB	EZEN TIMES IGI GUNU	
282	152_9n		107		EZENxŠE			Hitt.
283	152_14				EZENxUD	U+120B4	EZEN TIMES UD	
284	152_16	156			EZENxKUG	U+120AE	EZEN TIMES KU3	
285	156	158			ASILAL (EZENxLÁL)	U+120B0	EZEN TIMES LAL TIMES LAL	
286	157				EZENxLU	U+120B2	EZEN TIMES LU	
287	162				EZENxGÍN			U+120A7 EZEN TIMES DUN3 GUNU pertinent?
288	158	159			ĀSILAL (EZENxA)	U+120A2	EZEN TIMES A	
289	159				SIL ₇ (EZENx A.LAL)	U+120A3	EZEN TIMES A PLUS LAL	
290	160				ASILAL ₄ (EZENx A.LÁL)	U+120A4	EZEN TIMES A PLUS LAL TIMES LAL	
291	161				EZENxĤA	U+120A9	EZEN TIMES HA	
292	164	388	350		SUM	U+122E7	SUM	
293	165	377	352; (345)		NAGA	U+12240	NAGA	

TAB

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
293 (sequel)	165v				AN.NAGA. AN.NAGAINVERSUM	U+12030	AN PLUS NAGA OPPOSING AN PLUS NAGA	
	165a				4xAN.NAGA forming a cross	U+12031	AN PLUS NAGA SQUARED	
	165n1				NAGAINVERSUM	U+12241	NAGA INVERTED	
	165+ 165n1				NAGA. NAGAINVERSUM	U+12243	NAGA OPPOSING NAGA	
294	165b				NAGA×ŠU-tenû	U+12242	NAGA TIMES SHU TENU	
295	131a		94		NIB (PIRIG×KAL)	U+1228B	PIRIG TIMES KAL	
296	130	179	93		UG (PIRIG×UD)	U+1228C	PIRIG TIMES UD	
297	131	180	92		AZ (PIRIG×ZA)	U+1228D	PIRIG TIMES ZA	
298	167	141	164		GAB (DU ₈ etc.)	U+12083	DUH	
						U+120EE	GABA	
299	167a				GAB.LIŠ			see n839
300	168	115	(168)		EDIN	U+12094	EDIN	also n499 báhar("EDIN")
301	169	142	171		TAḤ/DAḤ (MU ^{over} MU)	U+1222D	MU OVER MU	
302	166	271	259		KASKAL	U+1219C	KASKAL	
303	166a				İTI (KASKAL.ITI)	U+1219C & U+1231A	KASKAL & UD TIMES U PLUS U PLUS U	
304	166b	273			ILLAT (KASKAL.KUR)	U+1219C & U+121B3	KASKAL & KUR	
305	166+371	271			KASKAL.BU	U+1219C & U+1204D	KASKAL & BU	
306	166+398				KASKAL.AḤ	U+1219C & U+12134	KASKAL & HI TIMES NUN	
307	166e				KASKAL.LAGAB	U+1219C & U+121B8	KASKAL & LAGAB	
	166ee				KASKAL. TÚLOVERTÚL	U+1219D	KASKAL LAGAB TIMES U OVER LAGAB TIMES U	
	166een				KASKALOVERKASKAL. TÚLOVERTÚL	U+1219E	KASKAL OVER KASKAL LAGAB TIMES U OVER LAGAB TIMES U	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
308	166f				ZIKURA (KASKAL.ĀŠ)	U+1219C & U+1240B	KASKAL & NUMERIC SIGN SIX DISH	
309	170	119	168		AM (GU ₄ ×KUR)	U+12120	GUD TIMES KUR	
310	170an		203		AM×A	U+1211F	GUD TIMES A PLUS KUR	reconstruction
311	171	134	203		UZU	U+1235C	UZU	
312	173	117	172		BÍL (GIBIL; NE×PAB, NE-šeššig)	U+1224B	NE SHESHIG	
313	172	116	169		NE	U+12248	NE	
314	174				ÉMEŠ (NE×UD)	U+1224A	NE TIMES UD	
315	175				ENTEN (NE×A)	U+12249	NE TIMES A	
316	176	135	119		NÍNDA	U+12252	NINDA2	
317	177				NÍNDA×AŠ	U+12254	NINDA2 TIMES ASH	
318	177n				NÍNDA×AŠ.AŠ	U+12255	NINDA2 TIMES ASH PLUS ASH	
319	178				NÍNDA×BAL			
320	178aa		103		ŠĀM (NÍNDA×AN)	U+12253	NINDA2 TIMES AN	
321	179				NÍNDA×BĀN			
322	180				NÍNDA×GI			
323	182				SUMAŠ	U+122E8	SUMASH	
324	181v		104		AZU (NÍNDA×NUN)	U+12259	NINDA2 TIMES NUN	
						U+1236B	ZU5	
	181n				AZU×A	U+1236C	ZU5 TIMES A	reconstruction; cf. OBO 160/1 282
325	182n				NÍNDA×DUB?			
326	183	136	121		ÁG (NÍNDA×NE)	U+12258	NINDA2 TIMES NE	
327	184				NÍNDA×GU ₄	U+12256	NINDA2 TIMES GUD	
328	186				NÍNDA×ŠID?			
329	184a				NÍNDA×Ú			uncertain
330	185				NÍNDA×Ú.AŠ	U+1225E	NINDA2 TIMES U2 PLUS ASH	
331	186a				NÍNDA×ŠE.AŠ	U+1225C	NINDA2 TIMES SHE PLUS ASH	
332	186b				NÍNDA×ŠE.AŠ.AŠ	U+1225D	NINDA2 TIMES SHE PLUS ASH PLUS ASH	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
333	187	137	123		NÍNDA×ŠE.A.AN	important codepoint missing		
	187v5				NÍNDA×ŠE	U+1225A	NINDA2 TIMES SHE	
	187v1				NÍNDA×ŠE.A.AN	U+1225B	NINDA2 TIMES SHE PLUS A AN	
334	188				NÍNDA×U			
335	189				NÍNDA×MAN			
336	190	140			ZIG/ZIK (NÍNDA×EŠ)	U+12368	ZIG	
337	190a				NÍNDA×ME.KÍD			
	190an3				NÍNDA×ME.KÁR	U+12257	NINDA2 TIMES ME PLUS GAN2 TENU	reconstruction
338	190kv	210, 133			GALAM (SUKUD)	U+120F4	GALAM	
339	191	138	120		KUM (GUM)	U+12123	GUM	
340	192	139	122		GAZ (KUM×ŠE)	U+12124	GUM TIMES SHE	
341	203	072	124		ÚR	U+1232B	UR2	
342	204v	073			ÚR×NUN	U+12330	UR2 TIMES NUN	
343	204n				ÚR×AL	U+1232E	UR2 TIMES AL	
344	204a	074			ÚR×Ú	U+12331	UR2 TIMES U2	
345	204b				ÚR×Ú.AŠ	U+12332	UR2 TIMES U2 PLUS ASH	
346	204c				ÚR×A.HA	U+1232C	UR2 TIMES A PLUS HA	
347	204d				ÚR×HA	U+1232F	UR2 TIMES HA	
348	205	078	117		IL (AL×ŠE)	U+1214B	IL	
349	205a				IL×KÁR	U+1214C	IL TIMES GAN2 TENU	uncertain reconstruction
350	206	064; 197	128		DU	U+1207A	DU	
	206a				LAH ₄ (DU _{over} DU)	U+1207B	DU OVER DU	
351	201	065			SUHUŠ (DU-gunû)	U+1207C	DU GUNU	
352	202	066	129		KAŠ ₄ (DU-šeššig)	U+1207D	DU SHESHIG	
353	208	292	302		ANŠE (GÍR×PA or GÍR×"TAB")	U+12032	ANSHE	
						U+1210F	GIR3 TIMES PA	
354	207	075	125		TUM	U+12308	TUM	
355	207a				TUM-gunû/ TUM×KÁR			

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
356	209	076	126		EGIR	U+12095	EGIR	
357	212	162	151		IŠ	U+12156	ISH	
358	214	079	153		BI	U+12049	BI	
359	214				EŠEMIN ₅ ("BI")	U+12459	NUMERIC SIGN TWO ESHE3	
360	214a				BI×SIG ₇	U+1204C	BI TIMES IGI GUNU	
361	214c				BI×GAR	U+1204B	BI TIMES GAR	
362	215	083	154		ŠIM	U+122C6	SHIM	
363	217				ŠIM×BAL	U+122C8	SHIM TIMES BAL	
364	217n				ŠIM×BÚR			
365	216				ŠIM×MUG	U+122D0	SHIM TIMES MUG	
366	221				ŠIM×DIN	U+122CA	SHIM TIMES DIN	
367	218				ŠIM×BULUG	U+122C9	SHIM TIMES BULUG	
368	219x				ŠIM×SIG ₇	U+122CD	SHIM TIMES IGI GUNU	
369	219				ŠIM×LUL	U+122CF	SHIM TIMES LUL	
370	219xx				ŠIM×PI			
371	220				ŠIM×IGI	U+122CC	SHIM TIMES IGI	
372	224				ŠIM×A (DUMGAL)	U+122C7	SHIM TIMES A	
373	225	085	163		ŠIM×NÍG (BAPPIR)	U+122CB	SHIM TIMES GAR	
374	222				ŠIM×MUNUS (ŠIM×SAL)	U+122D1	SHIM TIMES SAL	
375	223				ŠIM×KÚŠU	U+122CE	SHIM TIMES KUSHU2	
376	226	081			GISAL (BI.GIŠ)	U+12110	GISAL	
377	227				BÁNŠUR	U+12143	IDIM OVER IDIM BUR	
378	228	274	260		KIB			
	105n3	274	260		GÁNoverGÁN crossed	U+120FA	GAN2 CROSSING GAN2	old sign, LAK 278
	296n2	274	260		GIŠoverGIŠ crossed	U+12112	GISH CROSSING GISH	old sign, LAK 276
379	230	260	75		GAG (KAK)	U+12195	KAK	kak: not Sumerian!
380	231	261	72		NI	U+1224C	NI	
	231n(v)		76		NI×E	U+1224D	NI TIMES E	reconstruction; Hitt. esp. Hurr.
The second glyph indicates the position of the inscribed sign in the Hurritic original.								

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
381	211	068	132		UŠ (NITA)	U+12351	USH	
382	211n	069			UŠ×KÍD	U+12355	USH TIMES TAK4	
383	211n2				UŠ×KU	U+12353	USH TIMES KU	
384	211b	071			KÁŠ (UŠ×A)	U+12352	USH TIMES A	
385	229n	262	73		NA ₄ (NI.UD)	U+1224C & U+12313	NI & UD	
						U+1224C & U+1209F	NI & ERIM	
386	229n				DĀG ("NA ₄ ")	U+1224C & U+1209F	NI & ERIM	
387	233	093	56		GÁ (MAL)	U+120B7	GA2	
388	233_22	270			ŠITA ("GÁ")	U+122D6	SHITA	
389	234				GÁ×AŠ	U+120BD	GÁ×AŠ	
390	235				GÁ×ĤAL.LA	U+120D3	GA2 TIMES HAL PLUS LA	
391	236				GÁ×GÍR.SU	U+120D0	GA2 TIMES GIR2 PLUS SU	
392	237	094	57		AMA (GÁ×AN)	U+120BC	GA2 TIMES AN	
393	238				GÁ×AN.GAG.A			
394	241	069			GÁ×KÍD	U+120E9	GA2 TIMES TAK4	
395	242				GÁ×BAD	U+120BF	GA2 TIMES BAD	
396	243				GÁ×GI	U+120CD	GA2 TIMES GI	
397	244v	096			GANUN (GÁ×NUN)	U+120E0	GA2 TIMES NUN	
398	245				GÁ×KAB	U+120D5	GA2 TIMES HUB2	
399	247				GÁ×EN	U+120C9	GA2 TIMES EN	
400	239				GÁ×BURU ₁₄	U+120CA	GA2 TIMES EN TIMES GAN2 TENU	
401	246				GÁ×MUN(DIM×ŠE, later DIM×KUR)	U+120C5	GA2 TIMES DIM TIMES SHE	
402	248	098			GÁ×KÁR	U+120CB	GA2 TIMES GAN2 TENU	
403	250				GÁ×DUB	U+120C6	GA2 TIMES DUB	
404	250c				GÁ×SUM	U+120E8	GA2 TIMES SUM	
405	250d				GÁ×KASKAL	U+120D9	GA2 TIMES KASKAL	
406	250i				GÁ×IŠ.ĤU.AŠ	U+120D7	GA2 TIMES ISH PLUS HU PLUS ASH	
407	251				GÁ×GAG	U+120D8	GA2 TIMES KAK	
408	252	097	54		SILA ₄ (GÁ×PA)	U+120E2	GA2 TIMES PA	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
408 (sequel)	257				SILA ₄ also: GÁ×ÁŠ			transliteration only gazi
409	252_1				GÁ×KID.LAL	U+120DB	GA2 TIMES KID PLUS LAL	
410	252_2				GÁ×ŠID	U+120E7	GA2 TIMES SHID	
411	255	099	58		ÛR (GÁ×NIR)	U+120E1	GA2 TIMES NUN OVER NUN	
412	256				GÁ×GI ₄	U+120CE	GA2 TIMES GI4	
413	250b				GÁ×SAR	U+120E4	GA2 TIMES SAR	
414	258				GÁ×ÁŠ.GAL	U+120BE	GA2 TIMES ASH2 PLUS GAL	
415	259				GÁ×BUR.RA	U+120C2	GA2 TIMES BUR PLUS RA	
416	259n				GÁ×DA	U+120C3	GA2 TIMES DA	
417	260				GÁ×SIG ₇	U+120D6	GA2 TIMES IGI GUNU	
418	261	100	59		ÉSAG (GÁ×É×ŠE)	U+120E5	GA2 TIMES SHE	sub MesZL n495 only É.ŠE, esag _x
						U+12095	E2 TIMES SHE	
419	261a				GÁ×ŠE.TUR	U+120E6	GA2 TIMES SHE PLUS TUR	
420	262				GÁ×UD	U+120EB	GA2 TIMES UD	
421	263				GÁ×HI.LI	U+120D4	GA2 TIMES HI PLUS LI	
422	264				GÁ×U	U+120EA	GA2 TIMES U	
423	264a				GÁ×ÁB			
424	265	101			ITIMA (GÁ×É×MI)	U+120DF	GA2 TIMES MI (standard)	sub MesZL n495 only É.MI, itima _x
						U+12090	E2 TIMES MI	
425	268				GÁ×DI	U+120C4	GA2 TIMES DI	
426	269				GÁ×KUG.AN	U+120DC	GA2 TIMES KU3 PLUS AN	
427	270	102			MEN (GÁ×ME.EN)	U+120DE	GA2 TIMES ME PLUS EN	
428	273				GÁ×É×A.DA.ĤA	U+120B8	GA2 TIMES A PLUS DA PLUS HA	
						U+1208E	E2 TIMES A PLUS HA PLUS DA(sic!)	
429	274				GÁ×A.IGI	U+120BA	GA2 TIMES A PLUS IGI	to be deleted

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
430	277				GÁ× HA.LU.ŠĚ	U+120D1	GA2 TIMES HA PLUS LU PLUS ESH2	
431	278	105	60		GALGA (GÁ/É×NÍG)	U+120CC	GA2 TIMES GAR	
						U+1208F	E2 TIMES GAR	
432	271	104			ARĤUŠ (GÁ/É×MUNUS)	U+120E3	GA2 TIMES SAL	
						U+12091	E2 TIMES SAL	
433	272				GÁ× EL.LA	U+120C8	GA2 TIMES EL PLUS LA	
434	233_40; 230x	460			ŠÍTA ("GÁ.GIŠ")	U+122D6 & U+12111	SHITA & GISH	
435	249	161	228		KISAL	U+121A6	KISAL	
436	249				NI+GIŠ			ligature i+giš
437	232	263	77		IR (GAG-gunû)	U+12155	IR	
438	280	168	243		DAG	U+12056	DAG	
439	281				DAG.KISIM ₅			uncertain
440	281a; 294e; 432_1	172			KIŠ _{l8} (DAG.KISIM ₅ ×GÍR(-gunû?))	U+1205E	DAG KISIM5 TIMES GIR2	
441	282				DAG.KISIM ₅ ×LA	U+12064	DAG KISIM5 TIMES LA	
442	282a				DAG.KISIM ₅ ×MUNU ₄	U+12069	DAG KISIM5 TIMES PAP PLUS PAP	
443	283				DAG.KISIM ₅ ×KÍD	U+1206B	DAG KISIM5 TIMES TAK4	
444	284				DAG.KISIM ₅ ×GI	U+1205D	DAG KISIM5 TIMES GI	
445	285				DAG.KISIM ₅ ×SI	U+1206A	DAG KISIM5 TIMES SI	
446	286				DAG.KISIM ₅ ×NE	U+12068	DAG KISIM5 TIMES NE	
447	288				DAG.KISIM ₅ ×BI	U+1205A	DAG KISIM5 TIMES BI	
448	288a; 294f				DAG.KISIM ₅ ×GAG	U+12063	DAG KISIM5 TIMES KAK	
449	287				UTUA (DAG.KISIM ₅ ×UŠ)	U+1206D	DAG KISIM5 TIMES USH	
450	288b				ÜBUR (DAG.KISIM ₅ ×"IR")	U+12061	DAG KISIM5 TIMES IR	
451	288c				UBUR ₄ (DAG.KISIM ₅ ×"IR".LU)	U+12062	DAG KISIM5 TIMES IR PLUS LU	
452	289		188		UTUL ₅ (DAG.KISIM ₅ ×GU ₄)	U+1205F	DAG KISIM5 TIMES GUD	
453	290	170			KIŠ _{l9} (DAG.KISIM ₅ ×Ú.GÍR(-gunû?))	U+1206C	DAG KISIM5 TIMES U2 PLUS GIR2	




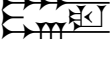
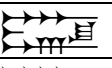

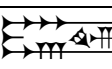
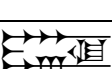
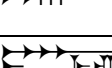
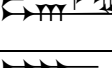

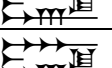

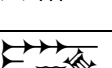

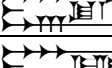
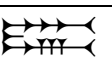
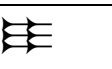
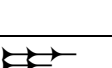

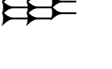
MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
454	290n		283		DAG.KISIM ₅ × Ú.MAŠ/BAR			Hitt.
455	291	171	189		UBUR (DAG.KISIM ₅ ×GA)	U+1205B	DAG KISIM5 TIMES GA	
456	294c 294cn				DAG.KISIM ₅ ×DÉ DAG.KISIM ₅ ×MÚRU			uncertain
457	292				DAG.KISIM ₅ ×DÚB/ BALAG	U+12059	DAG KISIM5 TIMES BALAG	
458	288sub				DAG.KISIM ₅ ×AMAR	U+12058	DAG KISIM5 TIMES AMAR	
459	292a	173			ÚBUR (DAG.KISIM ₅ ×LU)	U+12065	DAG KISIM5 TIMES LU	
460	293	174			AMAŠ (DAG.KISIM ₅ × LU.MAŠ)	U+12066	DAG KISIM5 TIMES LU PLUS MASH2	
461	294b		190; 285		DAG.KISIM ₅ × A.MAŠ	U+12057	DAG KISIM5 TIMES A PLUS MASH	
462	294d				DAG.KISIM ₅ ×HA	U+12060	DAG KISIM5 TIMES HA	
463	294a				DAG.KISIM ₅ ×LUM	U+12067	DAG KISIM5 TIMES LUM	
464	295	143	174		PA	U+1227A	PA	
465	295	143			BANMIN ("PA")			
466	295k		175		ŠAB (PA.IB)	U+1227A & U+12141	PA & IB	
467	295l				NUSKA (PA.TÚG)	U+1227A & U+12306	PA & TUG2	
468	295m		177		SIPA (PA.LU)	U+1227A & U+121FB	PA & LU	
469	296	160	178		GIŠ (GEŠ)	U+12111	GISH	
470	296_1				GIŠ-tenû	U+12115	GISH TENU	
471	296_2				GIŠ×BAD	U+12113	GISH TIMES BAD	
472	297	118	157		GU ₄	U+1211E	GUD	
473	297a				GU ₄ ×KASKAL			reconstruction
474	298	108	183		AL	U+12020	AL	
475	299				AL×KÍD			see MesZL n475
	299n				AL×KÁD?	U+12025	AL TIMES KAD3	
476	300				AL×UŠ	U+12028	AL TIMES USH	
477	301				AL×GIŠ	U+12023	AL TIMES GISH	
478	301n				AL×AL	U+12021	AL TIMES AL	
479	304				AL×ŠE	U+12027	AL TIMES SHE	

TAB


MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
480	302				AL×GIM	U+12022	AL TIMES DIM2	
481	303				AL×KI	U+12026	AL TIMES KI	
482	305				AL×HA	U+12024	AL TIMES HA	
483	307	144	191		MAR	U+12225	MAR	
484	313	163	194		KID (LÍL)	U+121A4	KID	
485	314	212, 207a	231		ŠID (LAG)	U+122C3	SHID	
	337xx				SAG ₅	U+12260	NISAG (read NISAG2)	old sign, = n546
486	314	112a	112		MES (RID)	U+12229	MES	
487	317a				ŠID×IM	U+122C5	SHID TIMES IM	
488	315				MES/UM×ME			
489	317	208			ÚMBISAG (ŠID×A)	U+122C4	SHID TIMES A	
490	318	146	195		Ú	U+12311	U2	
491	319	201	159		GA	U+120B5	GA	
492	319n	202			GA-gunú	U+120B6	GA GUNU	old sign
493	320	204	161		ÍL (GA.GÍN)	U+1214D	IL2	
494	321	196	198		LUḪ	U+1221B	LUH	
495	324	107	199		É	U+1208D	E2	
496	322	176	196		KAL	U+12197	KAL	
						U+12128	GURUSH	
	322n				KALoverKAL crossed	U+12199	KAL CROSSING KAL	
497	323		(40)		ALAD (KAL×BAD)	U+12198	KAL TIMES BAD	
498	308	167	187		E	U+1208A	E	
	308n				EoverE. NUNoverNUN	U+1208C	E OVER E NUN OVER NUN	
499	309	080	162		DUG (BI×A)	U+12081	DUG	
						U+1204A	BI TIMES A	
500	312	169			KALAM			U+12326, erroneously UN
501	312	169	197		UN			U+12327, erroneously UN GUNU
502	325	148	204		NIR (NUNoverNUN)	U+1226A	NUN OVER NUN	
503	310	145	193		GURUN	U+12127	GURUN	
504	306	288	152		UB	U+12312	UB	

EŠ₁₆ (three AŠ)

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
505	325a				EŠ ₁₆ (AŠoverAŠoverAŠ)	U+1203C	ASH OVER ASH OVER ASH	
						U+1243A	NUMERIC SIGN THREE VARIANT FORM ESH16	"3"
506	325b				LIMMU ₄	U+1243D	NUMERIC SIGN FOUR VARIANT FORM LIMMU4	"4"
507	326	214	234		GI ₄ (GI-gunû)	U+12104	GI4	
508	326a				GIGI (GI ₄ overGI ₄ crossed)	U+12106	GI4 CROSSING GI4	
	326v				GIGI (GI ₄ overGI ₄)	U+12105	GI4 OVER GI4	
509	327				ÚSAN (GÚ-gunû)	U+1211D	GU2 GUNU	
510	327x				ÚSAN.GAG	U+1211D & U+12195	GU2 GUNU & KAK	
511	328	192	233		RA	U+1228F	RA	
512	329	331			DÛL (SAG-gunû)	U+122A8	SAG GUNU	
513	329a				IA ₉ (EŠ ₁₆ .TAB)	U+1203C & U+122F0	ASH OVER ASH OVER ASH & TAB	sign form congruent with U+1213F (n252)
						U+1243A & U+122F0	CUNEIFORM NUMERIC SIGN THREE VARIANT FORM ESH16 & TAB	
514	330	253	78		LÚ	U+121FD	LU2	
	330_60v				LÚoverLÚcrossed	U+12212	LU2 CROSSING LU2	
	330_60	255			LÚ.LÚinversum	U+12213	LU2 OPPOSING LU2	
	330_60 n2				4×LÚ forming a cross	U+12214	LU2 SQUARED	
515	330_0				LÚ-tenû	U+12211	LU2 TENU	
516, 534	330_8n				LÚ-šeššig ("LÚ.GAM")	U+12215	LU2 SHESHIG	
517	330_6	256			LÚxBAD	U+121FF	LU2 TIMES BAD	
518	330_9n				LÚ-šeššigxBAD ("LÚxBAD .GAM")			reconstruction
519	330_0n				LÚxKÁD	U+12205	LU2 TIMES KAD2	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
520	330_4			 or	LÚ×KÍD			
	330_4n				LÚ×KĀD	U+12206	LU2 TIMES KAD3	
521	330_7	258			LÚ×KĀR (GĀN-tenû)	U+12202	LU2 TIMES GAN2 TENU	
522	330_7a	257			LÚ×NE	U+1220C	LU2 TIMES NE	
523	330_7a n1				LÚ×AL	U+121FE	LU2 TIMES AL	
524	330_7cv				LÚ×ŠU			
525	330_7a n3v				LÚ×KAM*	U+12203	LU2 TIMES HI TIMES BAD	see MesZL n514
526	330_7a n2				LÚ×IM	U+12204	LU2 TIMES IM	
527	330_7a n4				LÚ×KI	U+12208	LU2 TIMES KI	
527'	330_7bn				LÚ×ME.EN	U+1220B	LU2 TIMES ME PLUS EN	
528	330_7b				LÚ×LAGAB	U+1220A	LU2 TIMES LAGAB	
529	330_7c				LÚ×KU			
530	330_7c				LÚ×TÚG	U+12210	LU2 TIMES TUG2	
	330_7c	259			LÚ×ŠĚ	U+12200	LU2 TIMES ESH2	see MesZL n514, n175
531	330_7cn				LÚ×ŠĚ-tenû	U+12201	LU2 TIMES ESH2 TENU	
532	330_7d				LÚ×ŠĚ.LAL			
533	330_7dn				LÚ×ŠÍG.BU	U+1220F	LU2 TIMES SIK2 PLUS BU	
534	see n516							
535	331	021b	79		ŠEŠ (ÛRI)	U+122C0	SHESH	
		021a				U+12336	URI3	
536	331a				AŠ ₉ (EŠ ₁₆ .EŠ ₁₆)	U+12440	NUMERIC SIGN SIX VARIANT FORM ASH9	"6"
537	331b				İMIN (EŠ ₁₆ .EŠ ₁₆ .AŠ)	U+12441	NUMERIC SIGN SEVEN VARIANT FORM IMIN3	"7"
538	331c				ÜSSU (EŠ ₁₆ .EŠ ₁₆ .TAB)	U+12445	NUMERIC SIGN EIGHT VARIANT FORM USSU3	"8"
539	331d				İLIMMU (EŠ ₁₆ .EŠ ₁₆ .EŠ ₁₆)	U+12447	NUMERIC SIGN NINE VARIANT FORM ILIMMU3	"9"

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
540	332	206	238		ZAG	U+12360	ZAG	
541	331e, 152iv	385	353		SAR	U+122AC	SAR	
542	337xn1	see 205b			UD-gunû	U+12319	UD GUNU	uncertain reconstruction
543	333	209	240		GÀR (QAR)	U+120FC	GAR3	
544	336	091	127		LIL	U+121F8	LIL	see also MesZL p62 n87c
545	337	207a, 207b	110		MÚRU (MURUB ₄ , NISAG; ITI-gunû)	U+12318	UD TIMES U PLUS U PLUS U GUNU	
546	337xx	207a			SAG ₅	U+12260	NISAG (read NISAG ₂)	merged with ŠID; see MesZL n485
547	338	215	102		DÉ (SIMUG)	U+12323	UMUM	umum value not accepted in MesZL
	338n1				DÉ×KASKAL	U+12324	UMUM TIMES KASKAL	reconstruction
	338n2				DÉ×PA	U+12325	UMUM TIMES PA	reconstruction
548	339	211	241		ÁŠ (ZÍZ)	U+1203E	ASH2	
						U+12369	ZIZ2	
549	339				BANEŠ ("ÁŠ")	U+12451	NUMERIC SIGN THREE BAN2	
550	340v			23")"/>	BANLIMMU ("ÁŠ.GE ₂₃ ")	U+12452	NUMERIC SIGN FOUR BAN2	
	340				BANLIMMU ("ÁŠ.U")	U+12453	NUMERIC SIGN FOUR BAN2 VARIANT FORM	
551	341v			23overGE ₂₃ ")"/>	BANIA ("ÁŠ.GE ₂₃ overGE ₂₃ ")	U+12454	NUMERIC SIGN FIVE BAN2	
	341				BANIA ("ÁŠ.UoverU")	U+12455	NUMERIC SIGN FIVE BAN2 VARIANT FORM	
552	342	166	208		MA	U+12220	MA	
553	343	213	242		GAL	U+120F2	GAL	
	343+ 091				GAL.KINDA	U+120F3	GAL GAD OVER GAD GAR OVER GAR	
554	344	217	235		BÁRA	U+12048	BARA2	
555	345	216	220; 221		GÚG (LÛ; ŠĚ-gunû)	U+12216	LU3	
556	347	219b, 219a	96		MIR (NIMGIR)	U+12086	DUN3 GUNU	Unicode names pertinent?
						U+12087	DUN3 GUNU GUNU	
557	348	220	88		DUN ₄ (UR-gunû- šeššig/MIR-šeššig)	U+12088	DUN4	
558	346	222	244A		GIR (ĤA-gunû)	U+1212B	HA GUNU	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
559	349	223	245		BUR (NÍG-gunû)	U+12053	BUR	
560	334	230	215		Á	U+12009	A2	
561	335	229	214		DA	U+12055	DA	
562	350		336		GAŠAN	U+120FD	GASHAN	
563	350_8		336		U-gunû/BÛR-gunû	U+12434	NUMERIC SIGN ONE BURU	
564	351	198	239		SIG ₇ (IGI-gunû)	U+1214A	IGI GUNU	"10.000"
565	352	082			DÛB (BALAG)	U+12080	DUB2	
		195	225			U+12046	BALAG	
566	353	203	158		ŠA	U+122AD	SHA	
567	354	225	68		ŠU	U+122D7	SHU	
568	354b	227a	68		KAD ₄	U+12192	KAD4	
569	354bv	227b			KAD ₅	U+12193	KAD5	
570	355	296	19; 351		LUL (NAR)	U+1221C	LUL	
571	356	228	70		SA ₆	122B7	SHA6 (bad!)	
572	357				BİŠEBA (GU ₄ over GU ₄ .LUGAL)	U+12121	GUD OVER GUD LUGAL	
573	358	199	226		ALAM (GU ₄ overGU ₄ .NÁ)	U+12029	ALAN	
574	359n1	224	246		URI (BURoverBUR)	U+12335	URI	

GE₂₃ (DIŠ-tenû)

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
575	360				GE ₂₃ (DIŠ-tenû)	U+12039	ASH ZIDA TENU	cf. n647
576	362	359	247		GAM	U+120F5	GAM	
						U+12472	PUNCTUATION SIGN DIAGONAL COLON	
577	363				ILIMMU ₄ (3×GE ₂₃)	U+12448	NUMERIC SIGN VARIANT FORM ILIMMU4	"9"
						U+12473	PUNCTUATION SIGN DIAGONAL TRICOLON	
578	366	369	329		KUR	U+121B3	KUR	
	366_87				KUR.KURinversum	U+121B4	KUR OPPOSING KUR	
579	367	378	338		ŠE	U+122BA	SHE	
580	371	265	339		BU (GÍD)	U+1204D	BU	
581	371n3				BUoverBUcrossed	U+12050	BU CROSSING BU	
582	371a	275			SIRSIR (BUoverBU + AB)	U+1204E	BU OVER BU AB	
583	372	379	340		UZ (US)	U+122BA & U+12137	SHE & HU	
584	373	266	341		SUD (BU-gunû)	U+122E4	SUD	
585	374	267	342		MUŠ	U+12232	MUSH	
	060a				UTUKI ("KÚR.IR.GÍDIM")	U+12359	UTUKI	
586	374_81	276			RI ₈ (MUŠoverMUŠ parallel or crossed)	U+12236	MUSH OVER MUSH	
						U+12238	MUSH CROSSING MUSH	
	374_81 n1				RI ₈ (MUŠoverMUŠ × A.NA)	U+12237	MUSH OVER MUSH TIMES A PLUS NA	
587	375	380	344		TIR	U+12301	TIR	
	375_45				NINNI ₅ (TIRoverTIR)	U+12303	TIR OVER TIR	
588	375_46				TIRoverTIR. GADoverGAD. NIGoverNIG	U+12304	TIR OVER TIR GAD OVER GAD GAR OVER GAR	
	369				ŠEoverŠE. GADoverGAD. NIGoverNIG	U+122BC	SHE OVER SHE GAD OVER GAD GAR OVER GAR	


MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
588 (sequel)	370	389			ŠE over ŠE. TAB over TAB. NÍ over NÍ G	U+122BD	SHE OVER SHE TAB OVER TAB GAR OVER GAR	
	411_167a				U over U. SUR over SUR	U+1230F	U OVER U SUR OVER SUR	
	411_182a				U over U.PA over PA. NÍ over NÍ G	U+1230E	U OVER U PA OVER PA GAR OVER GAR	
589	376	289	249		TE	U+122FC	TE	
590	376x	290	250		KAR (TE.A)	U+122FC & U+12000	TE & A	
591	377	232	286		LIŠ	U+121FA	LISH	
592	377n1		248		:(division sign)	U+12471	PUNCTUATION SIGN VERTICAL COLON	Glossenkeil
593	124n2				TAB variant, old	U+1244A	TWO ASH TENU	see MesZL n593, n209
594	378an				Number 1/4 (Kültepe)	U+12462	OLD ASSYRIAN ONE QUARTER	"1/4"
595	406v2				KAM (HI×BAD), variant form	U+1219A	KAM2 (wrong!)	see MesZL n640
	406	279			KAM (HI×BAD)	U+12130	HI TIMES BAD	old sign
596	381	332	316		UD (BABBAR)	U+12313	UD	
597	382v				ÍTIMA (UD×MI)	U+12316	UD TIMES MI	
598	383	370	317		PI	U+1227F	PI	
	383a				Plover P I crossed/ TALTAL	U+12289	PI CROSSING PI	
	383n2(v)		318		PI×AB	U+12281	PI TIMES AB	Hitt. esp. Hurr.; reconstructions. The second glyphs indicate the position of the inscribed sign in the Hurritic original.
	383n3(v)		319		PI×I	U+12285	PI TIMES I	
	383n4(v)		320		PI×BI	U+12282	PI TIMES BI	
	383n6(v)		321		PI×Ú	U+12289	PI TIMES U2	
	383n5(v)		322		PI×E	U+12284	PI TIMES E	
	383n7(v)		324		PI×BU	U+12283	PI TIMES BU	
	383n8(v)		323		PI×U	U+12287	PI TIMES U	
	383n9(v)		325		PI×IB	U+12286	PI TIMES IB	
383n10(v)		326		PI×A	U+12280	PI TIMES A		
599	384	433	294		ŠĀ (ŠAG ₄)	U+122AE	SHA3	
600	384n				ŠĀ×BAD	U+122B0	SHA3 TIMES BAD	
601	384a	435			ŠĀ×TUR	U+122B4	SHA3 TIMES TUR	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
602	385	434			ŠĀ×NE	U+122B2	SHA3 TIMES NE	
603	385n				ŠĀ×GIŠ	U+122B1	SHA3 TIMES GISH	
604	386				ŠĀ×UD			
605	386n				ŠĀ×U	U+122B5	SHA3 TIMES U	
606	388				BIR ₆ (ŠĀ×U.A)	U+122B6	SHA3 TIMES U PLUS A	
607	387				ŠĀ×MI			
608	390	436			PEŠ ₄ (ŠĀ×A)	U+122AF	SHA3 TIMES A	
609	389				ŠĀ×ŠÚ	U+122B3	SHA3 TIMES SHU2	
610	391	463			UD.MUNUS.ĤÚB	U+12313 & U+122A9 & U+12138	UD & SAL & HUB2	
611	392	333			ÚĤ (UD.KÚŠU)	U+12314	UD KUSHU2	
612	393	247	327		ERIM (ZÁLAG)	U+1209F	ERIN2	
613	393		327		PÍR	use U+1209F ERIN2		
614	394	371	328		NUNUZ	U+1226D	NUNUZ	
615	394+420				NUNUZ.ÁB			
	394a				NUNUZ.KISIM ₅			
616	394b	372			LAĤTAN (NUNUZ. ÁB/KISIM ₅ ×LA)	U+12274	NUNUZ AB2 TIMES LA	
617	394bx				LÁĤTAN (NUNUZ. ÁB/KISIM ₅ ×SÍLA)	U+12276	NUNUZ AB2 TIMES SILA3	
618	394bxn				NUNUZ.ÁB/KISIM ₅ ×KÀD	U+12273	NUNUZ AB2 TIMES KAD3	
619	394c, 394e	373			ŪSAN (NUNUZ.ÁB /KISIM ₅ ×AŠGAB)	U+1226E	NUNUZ AB2 TIMES ASHGAB	
620	394cxxx				NUNUZ.ÁB/KISIM ₅ ×NE	U+12275	NUNUZ AB2 TIMES NE	
621	394d				MÛD (NUNUZ.ÁB /KISIM ₅ ×BI)	U+1226F	NUNUZ AB2 TIMES BI	
						U+12278	NUNUZ KISIM5 TIMES BI	
622	394d+ 411				NUNUZ.ÁB/KISIM ₅ ×BI.U (MÛD.U)	U+12279	NUNUZ KISIM5 TIMES BI U	
623	394dn2				NUNUZ.ÁB/KISIM ₅ ×GU ₄	U+12271	NUNUZ AB2 TIMES GUD	
624	394dx				NUNUZ.ÁB/KISIM ₅ ×Ú.BA			U+12277 read NUNUZ AB2 TIMES U2 PLUS BA, not ... TIMES U2

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
625	394dn				NUNUZ.ÁB/KISIM ₅ ×DUG	U+12270	NUNUZ AB2 TIMES DUG	
626	394cx				NUNUZ.ÁB/KISIM ₅ × GÚG.BÙLUG			
	394cxv				NUNUZ.ÁB/KISIM ₅ × BÙLUG.GÚG			
627	394en				NUNUZ.ÁB/KISIM ₅ ×SIG ₇	U+12272	NUNUZ AB2 TIMES IGI GUNU	
628	395				ZIB	U+12366	ZIB	
	395n2				ZIBinversum	U+12367	ZIB KABA TENU	omitted in MesZL, see GONG 39 and 220
629	325an				Eš ₂₃	U+1244B	NUMERIC SIGN THREE ASH TENU	"3", see MesZL n629, n505
630	395an				Number 1/6 (Kultepe)	U+12461	NUMERIC SIGN OLD ASSYRIAN ONE SIXTH	"1/6"
631	396	277	335		HI (DÙG)	U+1212D	HI	
632	396	277	335		ŠÁR	U+122B9	SHAR2	
633	396		335		TÍ			only Assyrian
634	405v2	278			SÛR (HI.AŠ, HI×AŠ)	U+1212E	HI TIMES ASH	
635	397		332		A'	U+1202A	ALEPH	late variant of n636
636	398	280	332		AĦ (HI×NUN)	U+12134	HI TIMES NUN	
637	398+166				AĦ.KASKAL	U+12134 & U+1219C	HI TIMES NUN & KASKAL	
638	398_64	282			AĦ.ME	U+12134 & U+12228	HI TIMES NUN & ME	
639	398_72				AĦ.ME.U	U+12134 & U+12228 & U+1230B	HI TIMES NUN & ME & U	
640	406v1	279	355		KAM (HI.BAD)	U+1212D & U+12041	HI & BAD	see n595
641	399	297	337		IM	U+1214E	IM	
						U+1224E	NI2	
	399xn				IMoverIMcrossed	U+12150	IM CROSSING IM	
	399xx				4×IM forming a cross	U+12152	IM SQUARED	
642	399_51n				IM×KÍD	U+1214F	IM TIMES TAK4	reconstruction; IM.KÍD, IM×KÍD to n641
643	400	287	334		BIR (HI×ŠE)	U+12135	HI TIMES SHE	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
644	401	281	333		ĤAR (ĤI×ÁŠ)	U+1212F	HI TIMES ASH2	
645	402	294			ĤUŠ (ĤI.GÌR)	U+1212D & U+1210A	HI & GIR3	
646	403	384	349		SUĤUR	U+122E6	SUHUR	
647	361				GE ₂₂			
	361n				old	U+1203A	ASH KABA TENU	
648	364				ZUBUR			Unicode reference glyph form based on CAD Z 6b, not accepted in MSL 14 256f.
	364n				old	U+1236D	ZUBUR	
649	365				ŠÚŠUR	U+1203D	ASH OVER ASH OVER ASH CROSSING ASH OVER ASH OVER ASH	
650	407				ŠÁR×GAD	U+12132	HI TIMES GAD	
651	408				ŠÁR×GAL.DIŠ	U+12432	NUMERIC SIGN SHAR2 TIMES GAL PLUS DISH	"216.000"
652	408v				ŠÁR×GAL.MIN	U+12433	NUMERIC SIGN SHAR2 TIMES GAL PLUS MIN	"432.000"
653	409	284			ŠÁR×U	U+1242C	NUMERIC SIGN ONE SHARU	"36.000"; DÚBUR(ĤI×U) see n688
654	409v2				ŠÁR×U-gunû			variant form of n653, "36.000"
655	409a	285			ŠÁR×MAN	U+1242D	NUMERIC SIGN TWO SHARU	"72.000"
656	409b	286			ŠÁR×EŠ	U+1242E	NUMERIC SIGN THREE SHARU	"108.000"
						U+1242F	NUMERIC SIGN THREE SHARU VARIANT FORM	
657	409c				ŠÁR×NIMIN	U+12430	NUMERIC SIGN FOUR SHARU (variant form)	"144.000"
658	409d				ŠÁR×NINNU	U+12431	NUMERIC SIGN FIVE SHARU (variant form)	"180.000"
659	409e				ŠÁR×DIŠ, also ĤI×DIŠ?	U+12131	HI TIMES DISH	"216.000"

GE₂₃ (DIŠ-tenû)

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
660	410				HI×KIN	U+12133	HI TIMES KIN	

U

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
661	411	337	261	◀	U/BÛR	U+1230B	U	"10"
662	350_8		261	𐎠	U-gunû, BÛR-gunû	U+12434	NUMERIC SIGN ONE BURU	
663	412	358	272	𐎠𐎠𐎠	UGU (U.KA)	U+1230B & U+12157	U & KA	
664	414			𐎠𐎠𐎠𐎠	U.ITI			reconstruction, delete?
665	415	340	264	𐎠𐎠𐎠	UDUN (U.MU)	U+1230B & U+1222C	U & MU	
666	413	341		𐎠𐎠𐎠𐎠𐎠	ŠIBIR (U.BURU ₁₄)	U+1230B & U+12098	U & EN TIMES GAN2	
667	415a	338		𐎠𐎠𐎠	GÀKKUL (U.DIM)	U+1230B & U+12074	U & DIM	
668	416v, 416	339		𐎠𐎠𐎠, 𐎠𐎠𐎠	GAKKUL(U.DIM×ŠE), later U.DIM×KUR	U+1230B & U+12075	U & DIM TIMES SHE	
669	417			𐎠𐎠	U.GUR	U+1230B & U+12125	U & GUR	
670	418		263	𐎠𐎠𐎠	U.DAR (AŠDAR)	U+1230B & U+1206F	U & DAR	
671	419	357		𐎠𐎠𐎠	SAGŠU (U.SAG)	U+1230B & U+12295	U & SAG	
672	420	352	277	𐎠	ÁB	U+12016	AB2	
673	420_8			𐎠𐎠𐎠	ÁB×KÍD	U+1201B	AB2 TIMES TAK4	
674	423	354		𐎠𐎠	ÁB×KÁR	U+12018	AB2 TIMES GAN2 TENU	
675	423	293		𐎠𐎠	GIR ₁₆ (GÌR×KÁR)	U+1210C	GIR3 TIMES GAN2 TENU	
676	422			𐎠𐎠𐎠	LILIZ (ÁB×BALAG)	U+12017	AB2 TIMES BALAG	
677	424	353		𐎠𐎠𐎠	LIBIŠ (ÁB×ŠĀ)	U+1201A	AB2 TIMES SHA3	
678	425	291a	273	𐎠𐎠𐎠	KIŠ	U+121A7	KISH	
679	426			𐎠𐎠	MEZE (ÁB×ME.EN)	U+12019	AB2 TIMES ME PLUS EN	
680	426a		284	𐎠𐎠	ÁB×A			Hitt.
681	427	348	267	𐎠𐎠	MI	U+1222A	MI	
682	429	343	271	𐎠𐎠	GUL (SÚN)	U+12122	GUL	
683	430	342	266	𐎠𐎠	GIR ₄ (U.AD)	U+1230B & U+1201C	U & AD	
684	428	345	270	𐎠𐎠	ŠAGAN (U.GAN/ŠU ₄ .GAN)	U+1230B & U+120F6	U & GAN	
685	439	027	118	𐎠	PAN	U+1227C	PAN	
686	440	067	165	𐎠𐎠	GIM (DÍM)	U+12076	DIM2	

U

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
687	396n3				KISIM ₅	U+121A8	KISIM5	in some ligatures interchangeable with ÁB
	396n		278		KISIM ₅ variant			
	404x_2				GINGIRA (KISIM ₅ over KISIM ₅)	U+121A9	KISIM5 OVER KISIM5	
688	409n; 432_2	DÚBUR: 284			DÚBUR (HI×U)	U+12136	HI TIMES U	
689	431	364	314		NÁ	U+1223F	NA2	
690	433	355	74		NIM	U+1224F	NIM	
691	434	356	279		TÛM (NIM×KÁR)	U+12250	NIM TIMES GAN2 TENU	
692	434a				KIR ₇ (NIM×NÍG.KÁR)	U+12251	NIM TIMES GAR PLUS GAN2 TENU	
693	435	244	306		LAM	U+121F4	LAM	
694	436				LAM×KUR	U+121F5	LAM TIMES KUR	
695	437	367	155		AMAR (ZUR)	U+1202B	AMAR	
696	438	368	156		SISKUR (AMAR×ŠE)	U+1202C	AMAR TIMES SHE	
697	438n		276		AMAR×KUG			Hitt.
698	441	344	275		UL (DU ₇)	U+1230C	U GUD	
699	442	346			ŠITA ₄ (U.KID)	U+1230B & U+121A4	U & KID	
700	443	351			ÚTU (U.GA/ŠU ₄ .GA)	U+1230B & U+120B5	U & GA	
701	444	291b	301		ĠIR	U+1210A	GIR3	
	444	178			PIRIG	U+1228A	PIRIG	
	444n2				ĠIR.ĠIR _{inversum}	U+1228E	PIRIG OPPOSING PIRIG	
702	421a				LULIM (ĠIR×LU.IGI)	U+1210E	GIR3 TIMES LU PLUS IGI	reconstruction
703	421	295	303		ALIM (ĠIR×A.IGI)	U+1210B	GIR3 TIMES A PLUS IGI	
	421n2	295	303		ALIM (ĠIR×IGI)	U+1210D	GIR3 TIMES IGI	old
704	445	349	268		DUGUD	U+12082	DUGUD	
705	446	350	269		GIG (MI.NUNUZ)	U+1222A & U+1226D	MI & NUNUZ	GIG not really splittable
706	447				NIGIN ₄ (U.UD)	U+1230B & U+12313	U & UD	
707	447a				NIGIN (U.UD.KID)	U+1230B & U+12313 & U+121A4	U & UD & KID	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
708	471	363	296	◀◀	MAN (2×U)	U+1230B & U+1230B	U & U	"20"; codepoint missing before U+1240F
709	411+ 350_8			◀◀	U.U-gunû	U+1230B & U+12434	U & ONE BURU	"60.000"?
710	448	347		◀◀	KUŠU (U.GĪR/PIRIG)	U+1230B & U+1210A/U+1228A	U & GIR3/PIRIG	
711	472	366	331	◀◀◀	EŠ (3×U)	U+1230D	U U U	"30"; codepoint missing before U+1240F
712	473	374	335	◀◀◀	NIMIN (4×U)	U+1240F	NUMERIC SIGN FOUR U	"40"
713	474			◀◀	MAŠGI/BARGI (4×U)	U+12310	U OVER U U REVERSED OVER U REVERSED	
714	475	376		◀◀◀	NINNU (5×U)	U+12410	NUMERIC SIGN FIVE U	"50"
715	476			◀◀◀◀	LX (6×U)	U+12411	NUMERIC SIGN SIX U	"60"
716	477			◀◀◀◀◀	7×U	U+12412	NUMERIC SIGN SEVEN U	"70"
717	478			◀◀◀◀◀	8×U	U+12413	NUMERIC SIGN EIGHT U	"80"
718	479			◀◀◀◀◀◀	9×U	U+12414	NUMERIC SIGN NINE U	"90"
719	458	308	186	◀◀	LAGAR	U+121EC	LAGAR	
720	459	360	262	◀◀	DUL (U.TÚG)	U+1230B & U+12306	U & TUG2	DUL not really splittable
721	459a	311	211	◀◀	DU ₆ (LAGAR-gunû)	U+121EF	LAGAR GUNU	
	459an2	335		◀◀	DU ₆ overDU ₆ .ŠE	U+121F0	LAGAR GUNU OVER LAGAR GUNU SHE	
722	460v	307		◀◀	SU ₇ (LAGAR×ŠE)	U+121ED	LAGAR TIMES SHE	
723	460n			◀◀	LAGAR×ŠE.SUM	U+121EE	LAGAR TIMES SHE PLUS SUM	
724	449	233	288	◀◀	IGI (ŠI, LIM)	U+12146	IGI	
	449_46	233	288	◀◀	DIMSAR	U+12149	IGI OVER IGI SHIR OVER SHIR UD OVER UD	
725	450	235	292	◀◀	PĀD (IGI.RU)	U+12146 & U+12292	IGI & RU	
726	451	234	289	◀◀	AR (IGI.RI)	U+12148	IGI RI	
727	452v1	237	291	◀◀	AGRIG (IGI.DUB)	U+12146 & U+1207E	IGI & DUB	
728	449_145	236		◀◀	U ₆ (IGI.É)	U+12146 & U+1208D	IGI & E2	























U

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
729	454	238	293		SIG ₅ (IGI.ERIM)	U+12146 & U+1209F	IGI & ERIN2	
730	454				KURUM ₇ (IGI.ERIM)	U+12146 & U+1209F	IGI & ERIN2	here belongs n735
731	455	239b	265		Û (IGI.DIB)	U+12147	IGI & DIB	
732	455	239a	265		LIBIR (IGI.ŠĚ)	U+12146 & U+120A0	IGI & ESH2	old, later like n731
733	456	240	290		HUL (IGI.UR)	U+12146 & U+12328	IGI & UR	
734	456a				HUL ₄ (IGI.UR- šeššig)	U+12146 & U+1232A	IGI & UR SHESHIG	reconstruction
735	449_244				KURUM ₇ (IGI.NÍG)	U+12146 & U+120FB	IGI & GAR	reconstruction, belongs to n730
736	457	431	312		DI	U+12072	DI	
737	461	432	313		KI	U+121A0	KI	
738	462v	430			KI×BAD	U+121A1	KI TIMES BAD	belongs to n740
739	463				KI×UD	U+121A3	KI TIMES UD	
740	462	430			KI×U	U+121A2	KI TIMES U	
741	461x	418	3		PĚŠ	U+1227E	PESH2	see MesZL n882
742	461_280; 464				KIMIN			
743	466	440			KIŠ ₄	U+12294	SAG NUTILLU	
744	467	ŠUL: 438	46		ŠUL (DUN)	U+12084	DUN	
745	468	428	69		KUG (KÙ)	U+121AC	KU3	
746	469	362	295		PAD (ŠUK)	U+1227B	PAD	
747	470				XV (U.IÁ)	U+1230B & U+1240A	U & NUMERIC SIGN FIVE DISH	"15"

DIŠ

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
748	480	390	356		DIŠ (1)	U+12079	DISH	DIŠ "1", GEŠ ₂ "60"
749	480		356		NIGIDA (DIŠ)			use U+12079 DISH
750	481	391	358		LAL (LÁ)	U+121F2	LAL	
751	482		362		LÁL (LAL×LAL)	U+121F3	LAL TIMES LAL	
752	482				LÁL			Neo-Assyrian: use U+121F3; here belongs n849 also
753	532	392	357		ME	U+12228	ME	"100"
754	533, 533v1		360		MEŠ (ME.EŠ)	U+12228 & U+1230D	ME & U U U	plural sign; not really splittable
755	483	402	179		LAGAB	U+121B8	LAGAB	
756	484	404	216		ENGUR (LAGAB×HAL)	U+121C9	LAGAB TIMES HAL	
757	484				ZIKUM			Neo-Assyrian: use U+121C9 LAGAB TIMES HAL
758	484a				LAGAB×AN	U+121BE	LAGAB TIMES AN	
759	485; 490				LAGAB×KÍD	U+121E3	LAGAB TIMES TAK4	
760	486	405	224		GIGIR (LAGAB×BAD)	U+121C0	LAGAB TIMES BAD	
761	487	406			ÉSIR (LAGAB×NUMUN)	U+121D2	LAGAB TIMES KUL	
762	488				LAGAB×NUMUN.ĤI.A	U+121D3	LAGAB TIMES KUL PLUS HI PLUS A	
763	488a				LAGAB×GI			
764	488b				LAGAB×EN	U+121C3	LAGAB TIMES EN	
765	489				LAGAB×DAR	U+121C2	LAGAB TIMES DAR	
766	494	399	45		U ₈ (LAGAB×GU ₄ overGU ₄)	U+121C7	LAGAB TIMES GUD PLUS GUD	Unicode: better ... GUD OVER GUD
767	491	413	181		ZAR (LAGAB×SUM)	U+121E1	LAGAB TIMES SUM	
768	495				UDUB (LAGAB×NE)	U+121DB	LAGAB TIMES NE	
769	496				LAGAB×BI	U+121C1	LAGAB TIMES BI	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
770	495a				LAGAB×UŠ	U+121EA	LAGAB TIMES USH	
771	497				LAGAB×ŠÍTA	U+121DE	LAGAB TIMES SHITA PLUS GISH TENU	TENU pertinent?
	497n				LAGAB×ŠÍTA.ERIM	U+121DD	LAGAB TIMES SHITA PLUS GISH PLUS ERIN2	
772	493; 494v2	407			LAGAB×GU₄	U+121C6	LAGAB TIMES GUD	
773	498				LAGAB×AL	U+121BD	LAGAB TIMES AL	
774	499v				LAGAB×Ú.AŠ	U+121E8	LAGAB TIMES U2 PLUS ASH	
775	499n				LAGAB×GA	U+121C4	LAGAB TIMES GA	
776	500; 501	409			ŠÁRA (LAGAB×SIG₇)	U+121CB	LAGAB TIMES IGI GUNU	
777	502				LAGAB×LUL	U+121D7	LAGAB TIMES LUL	
778	504				LAGAB×GE₂₃	U+121BF	LAGAB TIMES ASH ZIDA TENU	uncertain
779	492				LAGAB×ŠE.SUM	U+121DC	LAGAB TIMES SHE PLUS SUM	
780	507				LAGAB×MUŠ	U+121DA	LAGAB TIMES MUSH	
781	508				LAGAB×KAR.SU.NA	U+121E4	LAGAB TIMES TE PLUS A PLUS SU PLUS NA	
782	503				LAGAB×LIŠ	U+121D5	LAGAB TIMES LISH	
783	505				LAGAB×UD	U+121E9	LAGAB TIMES UD	
784	509				LAGAB×AḪ	U+121CA	LAGAB TIMES HI TIMES NUN	
785	510				LAGAB×IM	U+121CC	LAGAB TIMES IM	
786	511	410	180		TÚL (LAGAB×U)	U+121E5	LAGAB TIMES U	
787	512	412			LAGAB×U.A	U+121E6	LAGAB TIMES U PLUS A	
788	515	411			BUL (LAGAB×EŠ)	U+121E7	LAGAB TIMES U PLUS U PLUS U	
789	514				LAGAB×KI	U+121CF	LAGAB TIMES KI	
790	513				GARIM (LAGAB×KUG)	U+121D1	LAGAB TIMES KU3	
791	516				LAGAB×ME	U+121D8	LAGAB TIMES ME	
792	517				LAGAB×ME.EN	U+121D9	LAGAB TIMES ME PLUS EN	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
793	518				LAGAB×LU	U+121D6	LAGAB TIMES LU	
794	519				LAGAB×KIN	U+121D0	LAGAB TIMES KIN	
795	522	414	182		SUG (LAGAB×A)	U+121B9	LAGAB TIMES A	
796	523				LAGAB×A.TAR			uncertain
797	523x; 524				LAGAB×A.DA.ĦA	U+121BA	LAGAB TIMES A PLUS DA PLUS HA	
798	525				LAGAB×A.LAL	U+121BC	LAGAB TIMES A PLUS LAL	
799	526				LAGAB×A.NÍG/GAR	U+121BB	LAGAB TIMES A PLUS GAR	
800	527				LAGAB×ĦA	U+121C8	LAGAB TIMES HA	
801	528	408	55		LAGAB×NÍG	U+121C5	LAGAB TIMES GAR	
802	520				LAGAB×ŠÚ	U+121DF	LAGAB TIMES SHU2	
803	521				LAGAB×ŠÚ.ŠÚ	U+121E0	LAGAB TIMES SHU2 PLUS SHU2	
804	529	403			NIGIN (LAGAB+LAGAB, LAGAB.LAGAB)	U+121B8 & U+121B8	LAGAB & LAGAB	
	529v2				NIGIN (LAGAB×LAGAB)	U+121D4	LAGAB TIMES LAGAB	
805	530				4×LAGAB forming a cross	U+121EB	LAGAB SQUARED	
806	515_9				NENNI (BUL+BUL, BUL.BUL)	BUL.BUL: U+121E7 & U+121E7	LAGAB TIMES U PLUS U PLUS U & LAGAB TIMES U PLUS U PLUS U	
807	535	394	44		IB	U+12141	IB	
808	536	415	206		KU	U+121AA	KU	
						U+12089	DUR2	
809	536	417	212		TÚG (NÁM)	U+12306	TUG2	
						U+12247	NAM2	
810	536	420	212		ŠĚ (ĚŠ, GI7, ZI)	U+120A0	ESH2	
						U+12365	ZI3	
811	536				"KU" = DIŠ+ŠU			"60"; ligature, see MesZL n748
812	537	416	210		LU (UDU)	U+121FB	LU	
813	537	419	210?		DIB (DAB)	U+12073	DIB	
814	537_65c; 537x				ĀD (LU×BAD)	U+121FC	LU TIMES BAD	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
815	538	447	47		KIN	U+121A5	KIN	
816	539	395	65		SÍG / SÍK	U+122E0	SIK2	
817	540	421			DARA ₄ (SÍG+AŠ)	U+12071	DARA4	
818	541	398	62		EREN (SÍG.NUN)	U+1209E	EREN	
819	542	396			GUR ₇ (SÍG.AḪ.ME.U)	U+12126	GUR7	
820	543				MUNŠUB (MUNSUB; SÍG.SUḪUR)	U+12230	MUNSUB	
821	544		63		ŠEŠ (SÍG.LAM)	U+122C1	SHESH2	
822	544+389 +532+411				SÍG.LAM.AḪ.ME.U			to be deleted?
823	543v2				MÚNŠUB (SÍG.LAM.SUḪUR)	U+122C1 & U+122E6	SHESH2 & SUHUR	
824	534				DIŠ.U	U+12079 & U+1230B	DISH & U	"600"
825	570	465	361		MIN (2)	U+1222B	MIN	"2"
826	571	439	48		ŠUŠANA (1/3)	U+1245A	NUMERIC SIGN ONE THIRD DISH	"1/3"
827	574	444	53		TUK (TUG)	U+12307	TUK	
828	575	400	51		UR	U+12328	UR	
	575a	252	51		URBINGU (URoverURcrossed)	U+12329	UR CROSSING UR	
829	575b	220			UR-šeššig	U+1232A	UR SHESHIG	reconstruction
	575bv1				"UR×A"			see MesZL n829
	575bv2				"UR×MIN"			see MesZL n829
830	576	426	52		GIDIM	U+12107	GIDIM	Unicode reference glyph wrong?
831	578a				2,30	U+1222B & U+1230D	MIN & U U U	numeral "2,30"
832	572	441			ŠANABI (2/3)	U+1245B	NUMERIC SIGN TWO THIRDS DISH	"2/3"
833	577; 578	442			UDUG	U+1231C	UDUG	Unic. reference glyph wrong?
834	593	EŠ5: 469	368		EŠ ₅ (3)	U+12408	NUMERIC SIGN THREE DISH	"3"
835	594	448			UR ₄	U+12334	UR4	
836	595	401b	223; 209.2		GÍN	U+12085	DUN3	
		401a			TÜN			
837	593v				IŠŠEBU (3,20)	U+12408 & U+1230B & U+1230B	NUMERIC SIGN THREE DISH & U & U	numeral "3,20"

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
838	573				KINGUSILA	U+1245C	NUMERIC SIGN FIVE SIXTHS DISH	"5/6"
839	579	470	364; 365		A	U+12000	A	
	579n				A.TU.GAB.LIŠ	U+12037	ASAL2	forerunner ASAL _x , not ASAL ₂ ; cf. OBO 160/1 283
840	580				AGAM (A×BAD)	U+12002	A TIMES BAD	
841	585				A×SAG	U+12008	A TIMES SAG	
842	580a				A×MUŠ	U+12007	A TIMES MUSH	
843	582				A×DU ₆	U+12006	A TIMES LAGAR GUNU	
844	581				A×IGI	U+12005	A TIMES IGI	
845	583				EDURU (A×A)	U+12001	A TIMES A	
846	584; 587	471			ZĀH (A×HA)	U+12004	A TIMES HA	
847	585a				DIŠoverDIŠ			"4"; Neo-Assyrian: use U+12456
848	585a				NIGIDAMIN (DIŠoverDIŠ)	U+12456	NUMERIC SIGN NIGIDAMIN	"4"
849	585b				LĀL variant	U+12456 & U+1227D	NIGIDAMIN & PAP	belongs to n752
850	585c				NIGIDAEŠ (DIŠoverDIŠ.DIŠ)	U+12457	NUMERIC SIGN NIGIDAEŠH	
851	586	474	366		ZA	U+1235D	ZA	
852	586	474			LIMMU ₅ ("ZA")	U+1235D	ZA	
						U+12409	NUMERIC SIGN FOUR DISH	"4"
853	586				NIGIDALIMMU ("ZA")	U+1235D	ZA	
						U+12409	NUMERIC SIGN FOUR DISH	"4"
854	379_2	245			AD ₄ (ZA-tenû)	U+1235E	ZA TENU	
855	531; 588				GIŠTA'E (4×ZA ×KUR)	U+1235F	ZA SQUARED TIMES KUR	
856	589	475	367		HA (KU ₆)	U+12129	HA	
857	590				ZUBUD (HA-tenû)	U+1212A	HA TENU	
858	591				GUG (ZA.GUL)	U+1235D & U+12122	ZA & GUL	
859	597	473	369		NÍG (GAR, NINDA)	U+120FB	GAR	
860	597_9	472	370		LIMMU ("NÍG"; 4)	U+1243C	NUMERIC SIGN FOUR VARIANT FORM LIMMU	"4"; variants: U+1243E, U+1243F

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
861	598a	476	371		IÁ (5)	U+1240A	NUMERIC SIGN FIVE DISH	"5"
862	598b	477	372		Āš (6)	U+1240B	NUMERIC SIGN SIX DISH	"6"
863	598n1	478	373		IMIN (7)	U+12153	IMIN	
						U+1240C	NUMERIC SIGN SEVEN DISH	"7"; see also n866
864	598n2	479	374		USSU (8)	U+1240D	NUMERIC SIGN EIGHT DISH	"8"; see also n867
865	598en				DIŠoverDIŠoverDIŠ (9)	U+12449	NUMERIC SIGN NINE VARIANT FORM ILIMMU A	"9"
866	598c	478	373		IMIN (7)	U+12442	NUMERIC SIGN SEVEN VARIANT FORM IMIN A	"7"; see also n863
867	598d		374		USSU (8)	U+12444	NUMERIC SIGN EIGHT VARIANT FORM USSU	"8"; see also n864
868	598e	480	375		ILIMMU (9)	U+12446	NUMERIC SIGN NINE VARIANT FORM ILIMMU	"9"
869	545	422	251		ŠÚ	U+122D9	SHU2	
	545a					U+1245F	NUMERIC SIGN ONE EIGHTH ASH	Presargonic unit of measure, LAK 852
870	546		(251)		ÉN (ŠÚ.AN)	U+122D9 & U+1202D	SHU2 & AN	
871	546_6	423			KĚŠ (ÉN.ŠĀR×GAD)	U+122D9 & U+1202D & U+12132	SHU2 & AN & HI TIMES GAD	
872	547	424			KUNGA (ŠÚ.MUL)	U+122D9 & U+1202F	SHU2 & AN THREE TIMES	
873	551				ŠEG₈ (ŠÚ.NAGA)	U+122D9 & U+12240	SHU2 & NAGA	
874	552				LIL₅ (ŠÚ.NE)	U+122D9 & U+12248	SHU2 & NE	
875	548	427			GÍBIL (ŠÚ.ĀŠ)	U+122D9 & U+1203E	SHU2 & ASH2	
876	549				ŠUDUN (ŠÚ.DUN₄)	U+122D9 & U+12088	SHU2 & DUN4	
877	550	425	254		HÚL	U+1213E	HUL2	
878	551v	429			ŠEG₉ (ŠÚ.ŠE.KU.GAG)	U+122BE	SHEG9	
879	553				LİL (ŠÚ.EŠ)	U+122D9 & U+1230D	SHU2 & U U U	
880	550a; 553a				ŠÚ.UR-šeššig	U+122D9 & U+1232A	SHU2 & UR SHESHIG	reconstruction
881	592	437	255		SIG	U+122DD	SIG	

MesZL	ŠL/HA	aBZL	HethZL	Neo-Assyrian Sign	Sign Name	Unicode Codepoint	Unicode Name	Comments
882	596	418	3		PÉŠ	[U+1227E]	PESH2	variant: n741. codepoint only for one sign form!
883	554	450	297		MUNUS (SAL)	U+122A9	SAL	
884	555	456	300		ZUM	U+1236E	ZUM	
885	555v				ZÚM (ZUM×LAGAB)	U+122AA	SAL LAGAB TIMES ASH2	reconstruction
886	556	451	299		NIN ₉ , old MUNUS.KU	U+122A9 & U+121AA	SAL & KU	Neo-Assyrian: SAL & MA(U+12220)
887	556	452	299		NIN, old MUNUS.TÚG	U+122A9 & U+12306	SAL & TUG2	
888	556				MUNUS+MA			mim-ma ligature
889	557	454	298		DAM	U+1206E	DAM	
890	558	459	305		GÉME (MUNUS.KUR)	U+122A9 & U+121B3	SAL & KUR	
891	559	458	304		GU	U+12116	GU	
892	569	251			SÚH (GUoverGUcrossed)	U+12117	GU CROSSING GU	
893	560	449	308		NAGAR	U+12244	NAGAR	
894	561				TUGUL (NAGAR.AD ₄)	U+12244 & U+1235E	NAGAR & ZA TENU	
895	554n				MUNUS.LAGAR	U+122A9 & U+121EC	SAL & LAGAR	
896	562	457			KÚŠU	U+121B5	KUSHU2	
897	554_84; 556_8	453			ÉGI (MUNUS.ŠĚ)	U+122A9 & U+120A0	SAL & ESH2	
898	563	461			NIG (MUNUS.UR)	U+122A9 & U+12328	SAL & UR	
899	564	455	307		EL	U+12096	EL	
900	565	248	310		LUM	U+1221D	LUM	
901	565	242	311		MÚRGU ("LUM")	U+12231	MURGU2	
902	565a; 566a				LUMoverLUM	U+1221E	LUM OVER LUM	
903	566				LUMoverLUM.ŠÚ	U+1221E & U+122D9	LUM OVER LUM & SHU2	
904	566b				LÜGUD (LUMover LUM.NÍGoverNÍG)	U+1221F	LUM OVER LUM GAR OVER GAR	
905	567	243	311		SIG ₄	U+122DE	SIG4	
906	567	243	311		MURGU ("SIG ₄ ")	U+122DE	SIG4	
907	568				SIG ₄ overSIG ₄ .ŠÚ	U+122DF	SIG4 OVER SIG4 SHU2	

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Links

- [Unicode 5.0 Cuneiform](http://www.unicode.org/charts/PDF/U12000.pdf) <http://www.unicode.org/charts/PDF/U12000.pdf>
- [Unicode 5.0 Cuneiform Numbers](http://www.unicode.org/charts/PDF/U12400.pdf) <http://www.unicode.org/charts/PDF/U12400.pdf>
- [CDLI online sign lists](http://cdli.ucla.edu/wiki/index.php/Sign_lists) http://cdli.ucla.edu/wiki/index.php/Sign_lists
- [ETCSL sign list](http://etcsl.orinst.ox.ac.uk/edition2/signlist.php) <http://etcsl.orinst.ox.ac.uk/edition2/signlist.php>
- [ePSD](http://psd.museum.upenn.edu/epsd/) <http://psd.museum.upenn.edu/epsd/>

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This Sign List can be found in the WordWideWeb at:

- <http://www.sumerisches-glossar.de/download/SignListNeoAssyrian.pdf> – respectively at:
- http://en.wikipedia.org/wiki/List_of_cuneiform_signs – use the following link at the end of the introduction:
At Sumerisches-Glossar.de  the complete sign list as PDF with all cuneiform signs and with an introduction by Rykle Borger ...

