



ELICAL 2

LOT 03-3180



2023-12

UPDATE  
TIBC value

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LOT 03-3180



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FOR SELECTRA PRO ANALYZERS\*

Code	REAGENT NAME	METHOD	Traceability	Value	Units	Value	Units
ALBU-0XXX	ALBUMIN	Bromocresol green (BCG)	ERM-DA 470k	3.63	g/dL	36.3	g/L
PASL-0XXX	ALP (DEA) SL	DGKC	Manual measurement	440	U/L	7.33	µkat/L
ALPI-0XXX	ALP IFCC	IFCC	IFCC	244	U/L	4.07	µkat/L
ALSL-0XXX	ALT / GPT 4+1 SL	IFCC without pyridoxal-phosphate	IFCC	97.4	U/L	1.62	µkat/L
AMSL-0XXX	AMYLASE SL	CNP-G3 / Standardization against IFCC method	IFCC	236	U/L	3.93	µkat/L
ASSL-0XXX	AST / GOT 4+1 SL	IFCC without pyridoxal-phosphate	IFCC	109.8	U/L	1.83	µkat/L
BITO-0XXX	TOTAL BILIRUBIN 4+1	Modified Malloy-Evelyn	SRM 916a	4.02	mg/dL	68.8	µmol/L
BIDI-0XXX	DIRECT BILIRUBIN 4+1	Modified Malloy-Evelyn	SRM 916a	2.25	mg/dL	38.5	µmol/L
CALA-0XXX	CALCIUM ARSENAZO	Arsenazo III	SRM 956d	10.80	mg/dL	2.69	mmol/L
CHLO-0XXX	CHLORIDE	Mercuric thiocyanate	SRM 909c	102.4	mEq/L	102.4	mmol/L
CHSL-0XXX	CHOLESTEROL SL	Enzymatic / PAP	ID-GC-MS	161	mg/dL	4.16	mmol/L
CHEB-0250	CHOLINESTERASE NEW PRODUCT	DGKC	DGKC Manual measurement	5130	U/L	85.50	µkat/L
CHES-0XXX	CHOLINESTERASE	Butyrylthiocholine	Manual measurement	5130	U/L	85.50	µkat/L
CKSL-0XXX	CK NAC SL	IFCC	IFCC	333	U/L	5.55	µkat/L
CRCO-0XXX	CREATININE JAFFE IMPROVED APPLICATION	Jaffe	ID-MS	4.03	mg/dL	356	µmol/L
CRCO-0XXX	CREATININE JAFFE	Jaffe	ID-MS	3.84	mg/dL	339	µmol/L
CRSL-0XXX	CREATININE PAP SL	Enzymatic / PAP	ID-MS	3.84	mg/dL	339	µmol/L
TIBC-0XXX	Direct TIBC	Chromazurol B	ERM-DA 470k (Transferrin value converted to TIBC)	377	µg/dL	67.5	µmol/L
GISL-0XXX	GAMMA GT PLUS SL	IFCC	IFCC	111.0	U/L	1.85	µkat/L
GPPL-0XXX	GLUCOSE PAP SL	Enzymatic / PAP	ID-MS	187.7	mg/dL	10.42	mmol/L
GHSL-0XXX	GLUCOSE HK SL	Hexokinase	ID-MS	198.0	mg/dL	10.99	mmol/L
FEFR-0XXX	IRON FERROZINE	Ferrozine without deproteinization	SRM 937	204	µg/dL	36.5	µmol/L
FEFE-0XXX	IRON FERENE	Ferene	SRM 937	191	µg/dL	34.2	µmol/L
LACI-0250	LACTATE NEW PRODUCT	Enzymatic / PAP	Primary reference material (weighed in purified material)	31.6	mg/dL	3.51	mmol/L
LACT-0XXX	LACTATE	Enzymatic / PAP	Primary reference material (weighed in purified material)	31.6	mg/dL	3.51	mmol/L
LLSL-0XXX	LDH-L SL	IFCC	IFCC	267	U/L	4.45	µkat/L
LPSL-0XXX	LIPASE SL	DGGR	Manual measurement	99	U/L	1.66	µkat/L
MAGX-0XXX	MAGNESIUM XYLIDIL	Xylidyl Blue	Atomic absorption	2.72	mg/dL	1.12	mmol/L
MGXB-0XXX	MAGNESIUM XB	Xylidyl Blue	Atomic absorption	2.72	mg/dL	1.12	mmol/L
PHOS-0XXX	PHOSPHORUS	Phosphomolybdate	SRM 956d	5.49	mg/dL	1.77	mmol/L
PROB-0XXX	TOTAL PROTEIN PLUS	Biuret	SRM 909c	5.23	g/dL	52.3	g/L
TGML-0XXX	TRIGLYCERIDES SL TRIGLYCERIDES MONO SL	Enzymatic / PAP	ID-GC-MS	141	mg/dL	1.59	mmol/L
URSL-0XXX	UREA UV SL	Urease / GIDH	ID-MS	100.0	mg/dL	16.65	mmol/L
AUML-0XXX	URIC ACID MONO SL	Enzymatic / PAP	ID-MS	5.43	mg/dL	323	µmol/L
AUSL-0XXX	URIC ACID SL	Enzymatic / PAP	ID-MS	5.43	mg/dL	323	µmol/L

\* and earlier Selectra analyzers / et automates Selectra antérieurs  
Elical 2 is a multiparametric calibrator intended for the calibration of ELITech reagents.

FOR SELECTRA MACH5 ANALYZERS

CODE	REAGENT NAME	METHOD	Traceability	Value	Units	Value	Units
ALBU-M830	ALBUMIN	Bromocresol green (BCG)	ERM-DA 470k	3.63	g/dL	36.3	g/L
ALPI-0230	ALP IFCC	IFCC	IFCC	244	U/L	4.07	µkat/L
ALSL-M490	ALT / GPT	IFCC without pyridoxal-phosphate	IFCC	97.4	U/L	1.62	µkat/L
AMSL-M430	AMYLASE	CNP-G3 / Standardization against IFCC method	IFCC	236	U/L	3.93	µkat/L
ASSL-M490	AST / GOT	IFCC without pyridoxal-phosphate	IFCC	109.8	U/L	1.83	µkat/L
BITO-M430	TOTAL BILIRUBIN	Modified Malloy-Evelyn	SRM 916a	4.02	mg/dL	68.8	µmol/L
BIDI-M430	DIRECT BILIRUBIN	Modified Malloy-Evelyn	SRM 916a	2.25	mg/dL	38.5	µmol/L
CALA-M430	CALCIUM ARSENAZO	Arsenazo III	SRM 956d	10.80	mg/dL	2.69	mmol/L
CHSL-M690	CHOLESTEROL	Enzymatic / PAP	ID-GC-MS	161	mg/dL	4.16	mmol/L
CHEB-0250	CHOLINESTERASE NEW PRODUCT	DGKC	DGKC Manual measurement	5130	U/L	85.50	µkat/L
CKSL-M230	CK NAC	IFCC	IFCC	333	U/L	5.55	µkat/L
CRSL-M490	CREATININE PAP	Enzymatic / PAP	ID-MS	3.84	mg/dL	339	µmol/L
TIBC-M130	Direct TIBC	Chromazurol B	ERM-DA 470k (Transferrin value converted to TIBC)	377	µg/dL	67.5	µmol/L
GISL-M230	GAMMA-GT	IFCC	IFCC	111.0	U/L	1.85	µkat/L
GPPL-M690	GLUCOSE PAP	Enzymatic / PAP	ID-MS	187.7	mg/dL	10.42	mmol/L
GHSL-M490	GLUCOSE HK	Hexokinase	ID-MS	198.0	mg/dL	10.99	mmol/L
FEFE-M230	IRON FERENE	Ferene	SRM 937	191	µg/dL	34.2	µmol/L
LACI-0250	LACTATE NEW PRODUCT	Enzymatic / PAP	Primary reference material (weighed in purified material)	31.6	mg/dL	3.51	mmol/L
LLSL-M230	LDH IFCC	IFCC	IFCC	267	U/L	4.45	µkat/L
LPSL-0250	LIPASE	DGGR	Manual measurement	99	U/L	1.66	µkat/L
MGXB-M430	MAGNESIUM XB	Xylidyl Blue	Atomic absorption	2.72	mg/dL	1.12	mmol/L
PHOS-M430	PHOSPHORUS	Phosphomolybdate	SRM 956d	5.49	mg/dL	1.77	mmol/L
PROB-M830	TOTAL PROTEIN	Biuret	SRM 909c	5.23	g/dL	52.3	g/L
TGML-M690	TRIGLYCERIDES	Enzymatic / PAP	ID-GC-MS	141	mg/dL	1.59	mmol/L
URSL-M830	UREA	Urease / GIDH	ID-MS	100	mg/dL	16.65	mmol/L
AUML-M830	URIC ACID	Enzymatic / PAP	ID-MS	5.43	mg/dL	323	µmol/L

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