

# ELICAL 2

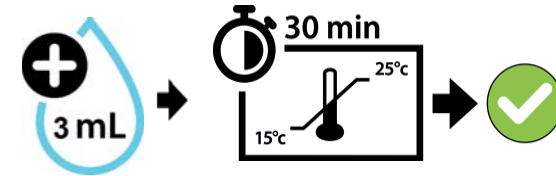
REF CALI-0580

LOT 06-6140

2023-12

FVVTL-CALI2-v20 (05/2022)

## Preparation



## Precautions

<p><b>8</b> hours horas heures stunden</p>	<p><b>2</b> days días jours tage</p>	<p><b>4</b> weeks semanas semaines wochen</p>	
--	--	---	--

## Exceptions

	Total bilirubin	Direct bilirubin
	<p><b>6</b> hours horas heures stunden</p>	<p><b>3</b> hours horas heures stunden</p>
	<p><b>1</b> days días jours tage</p>	<p><b>8</b> hours horas heures stunden</p>
	<p><b>2</b> weeks semanas semaines wochen</p>	<p><b>2</b> weeks semanas semaines wochen</p>

[www.elitechgroup.com](http://www.elitechgroup.com)

ELICAL 2

LOT 06-6140



2023-12

FOR SELECTRA ANALYSERS

COMPONENT	TEST METHODS	TRACEABILITY	UNITS	VALUE
ALBUMIN	Bromocresol green	ERM-DA 470k / IFCC	g/dL g/L	3.63 36.3
ALP	IFCC	IFCC formulation (Tietz, 1983), manual measurement	U/L 37°C	205
ALT - GPT	IFCC without pyridoxal-phosphate	IFCC formulation (Schumann, 2002), manual measurement	U/L 37°C	97.4
AMYLASE	CNP-G3 substrate	IFCC formulation (Schumann, 2006), manual measurement	U/L 37°C	236
AST - GOT	IFCC without pyridoxal-phosphate	IFCC formulation (Schumann, 2002), manual measurement	U/L 37°C	109.8
BILIRUBIN TOTAL IMPROVED PRODUCT	Malloy-Evelyn modified Assay code 225	NIST SRM 916a	mg/dL µmol/L	4.02 68.8
BILIRUBIN DIRECT IMPROVED PRODUCT	Malloy-Evelyn modified Assay code 205	NIST SRM 916a	mg/dL µmol/L	2.25 38.5
CALCIUM	Arsenazo	NIST SRM 956d	mg/dL mmol/L	10.80 2.69
CHOLESTEROL	Enzymatic colorimetric (CHOD-PAP)	ID-GC-MS	mg/dL mmol/L	161 4.16
CREATINE KINASE (CK)	IFCC	IFCC formulation (Schumann,2002), manual measurement	U/L 37°C	333
CREATININE	Enzymatic colorimetric (PAP)	ID-MS	mg/dL µmol/L	3.84 339
GAMMA-GT	Szasz	Original formulation(Persijn/v.d. Slik, 1976), manual measurement	U/L 37°C	98.0
GLUCOSE	Enzymatic colorimetric (GOD-PAP)	ID-MS	mg/dL mmol/L	187.7 10.42
IRON	Ferene	NIST SRM 937	µg/dL µmol/L	191 34.2
LDH	IFCC (L →P)	IFCC formulation (Schumann,2002), manual measurement	U/L 37°C	267
LIPASE	Enzymatic Colorimetric	manual measurement	U/L 37°C	99
MAGNESIUM	Xylidyl Blue	Atomic Absorption	mg/dL mmol/L	2.72 1.12
PHOSPHORUS	Phosphomolybdate UV	NIST SRM 956d	mg/dL mmol/L	5.49 1.77
TOTAL PROTEIN	Biuret	NIST SRM 909c	g/dL g/L	5.23 52.3
TRIGLYCERIDES	Enzymatic colorimetric (GPO-PAP)	ID-GC-MS	mg/dL mmol/L	141 1.59
UREA	Enzymatic UV (Urease/GLDH)	ID-MS	mg/dL mmol/L	100.0 16.65
BUN	Enzymatic UV (Urease/GLDH)	ID-MS	mg/dL mmol/L	46.6 16.65
URIC ACID	Enzymatic-colorimetric	ID-MS	mg/dL µmol/L	5.43 323

FOR ENVOY500 ANALYSERS

COMPONENT	TEST METHODS	TRACEABILITY	UNITS	VALUE
LIPASE	Enzymatic Colorimetric	manual measurement	U/L 37°C	99

Traceability legend :

SRM: Standard Reference Material

ERM: European Reference Material

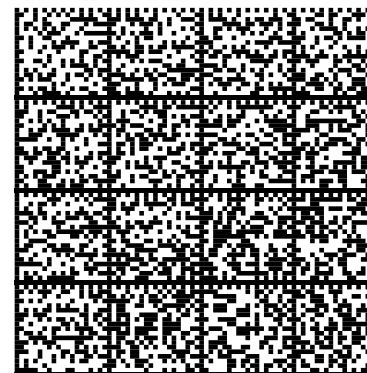
ID-MS: Isotope Dilution – Mass Spectrometry

ID-GC-MS: Isotope Dilution – Gas Chromatography –Mass Spectrometry

IFCC: International Federation of Clinical Chemistry and Laboratory Medicine

BARCODE

selectra  
**PRO**



ELICAL 2

S11

06-6140

0

FVVTI-CALI2

2023-12