

MEASURE Multi Calibrator

Lot. 102AEF

Exp. 2026.12.

Manufactured Date : 2024.06.01.

2°C ~8°C

(Blue Cap + Yellow Dot)

Component	Calibration Value	Method / Instrument	Traceability
ALT	158 U/L	JSCC at 37°C (IFCC w/o PaIP) / Hitachi-7180 measured by MEASURE ALT	JCCRM001d
	2.64 µkat/L		
ALP IFCC	264 U/L	IFCC at 37°C / Hitachi-7180 measured by MEASURE ALP IFCC	JCCRM001d (IFCC)
	4.41 µkat/L		
ALP	286 U/L	IFCC at 37°C / Hitachi-7180 measured by MEASURE ALP	JCCRM001d
	4.78 µkat/L		
Amylase, total	377 U/L	IFCC at 37°C / Hitachi-7180 measured by MEASURE AMYG7	JCCRM001d
	6.30 µkat/L		
AST	232 U/L	JSCC at 37°C (IFCC w/o PaIP) / Hitachi-7180 measured by MEASURE AST	JCCRM001d
	3.87 µkat/L		
CK	323 U/L	JSCC at 37°C / Hitachi-7180 measured by MEASURE CK	JCCRM001d
	5.39 µkat/L		
CK-MB	74.0 U/L	Immunological UV / Hitachi-7180 measured by MEASURE CKMB	Internal SOP
	1.24 µkat/L		
GGT	154 U/L	JSCC at 37°C / Hitachi-7180 measured by MEASURE GGT	JCCRM001d
	2.57 µkat/L		
LDH IFCC	332 U/L	IFCC at 37°C / Hitachi-7180 measured by MEASURE LDH IFCC	JCCRM001d (IFCC)
	5.54 µkat/L		
LDH	320 U/L	JSCC at 37°C / Hitachi-7180 measured by MEASURE LDH	JCCRM001d
	5.34 µkat/L		
Albumin	61.0 g/L	BCG / Hitachi-7180 measured by MEASURE ALB	JCCRM613 (ERM DA470)
	6.10 g/dL		
Bile Acid	92.0 µmol/L	Enzymatic (3-α-HDS) / Hitachi-7180 measured by MEASURE TBA	Gravimetry
	35.74 mg/L		
Creatinine (*)	239 µmol/L	Enzymatic / Hitachi-7180 measured by MEASURE CRE	JCCRM521 (ID-MS)
	2.70 mg/dL		
Glucose (*)	10.5 mmol/L	HDAOS-POD / Hitachi-7180 measured by MEASURE GLU/GLUHK	JCCRM521 (ID-MS/SRM917)
	190 mg/dL		
Protein, total	97.0 g/L	Modified Biuret / Hitachi-7180 measured by MEASURE TP	JCCRM613 (srm927)
	9.70 g/dL		
Urea Nitrogen (*)	13.4 mmol/L	Urease-UV / Hitachi-7180 measured by MEASURE UN	JCCRM521 (id-ms/srm912)
	37.3 mg/dL		
Uric acid (*)	643 µmol/L	Uricase-POD / Hitachi-7180 measured by MEASURE UA	JCCRM521 (ID-MS)
	10.80 mg/dL		

UMA Co.,Ltd.

(*) Standard solution recommended, as a reference value
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Tester	Quality Control Manager	Manufacturing Control Manager
		