

MEASURE Multi Calibrator

Lot. 102ADE

Exp. 2025.11.

2°C ~8°C

(Blue Cap + Yellow Dot)

Component	Calibration Value		Method / Instrument	Traceability
ALT	158 2.64	U/L μkat/L	JSCC at 37°C (IFCC w/o PaIP) / Hitachi-7180 measured by MEASURE ALT	JCCRM001d
ALP IFCC	264 4.41	U/L μkat/L	IFCC at 37°C / Hitachi-7180 measured by MEASURE ALP IFCC	JCCRM001d (IFCC)
ALP	286 4.78	U/L μkat/L	IFCC at 37°C / Hitachi-7180 measured by MEASURE ALP	JCCRM001d
Amylase, total	377 6.30	U/L μkat/L	IFCC at 37°C / Hitachi-7180 measured by MEASURE AMYG7	JCCRM001d
AST	232 3.87	U/L μkat/L	JSCC at 37°C (IFCC w/o PaIP) / Hitachi-7180 measured by MEASURE AST	JCCRM001d
CK	323 5.39	U/L μkat/L	JSCC at 37°C / Hitachi-7180 measured by MEASURE CK	JCCRM001d
CK-MB	74.0 1.24	U/L μkat/L	Immunological UV / Hitachi-7180 measured by MEASURE CKMB	Internal SOP
GGT	154 2.57	U/L μkat/L	JSCC at 37°C / Hitachi-7180 measured by MEASURE GGT	JCCRM001d
LDH IFCC	332 5.54	U/L μkat/L	IFCC at 37°C / Hitachi-7180 measured by MEASURE LDH IFCC	JCCRM001d (IFCC)
LDH	320 5.34	U/L μkat/L	JSCC at 37°C / Hitachi-7180 measured by MEASURE LDH	JCCRM001d
Albumin	61.0 6.10	g/L g/dL	BCG / Hitachi-7180 measured by MEASURE ALB	JCCRM613 (ERM DA470)
Bile Acid	92.0 35.74	μmol/L mg/L	Enzymatic (3-α-HDS) / Hitachi-7180 measured by MEASURE TBA	Gravimetry
Creatinine (*)	239 2.70	μmol/L mg/dL	Enzymatic / Hitachi-7180 measured by MEASURE CRE	JCCRM521 (ID-MS)
Glucose (*)	10.5 190	mmol/L mg/dL	HDAOS-POD / Hitachi-7180 measured by MEASURE GLU/GLUHK	JCCRM521 (ID-MS/SRM917)
Protein, total	97.0 9.70	g/L g/dL	Modified Biuret / Hitachi-7180 measured by MEASURE TP	JCCRM613 (srn927)
Urea Nitrogen (*)	13.4 37.3	mmol/L mg/dL	Urease-UV / Hitachi-7180 measured by MEASURE UN	JCCRM521 (id-ms/srn912)
Uric acid (*)	643 10.80	μmol/L mg/dL	Uricase-POD / Hitachi-7180 measured by MEASURE UA	JCCRM521 (ID-MS)

UMA Co.,Ltd.

(*) Standard solution recommended, as a reference value

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Tester	Quality Control Manager	Manufacturing Control Manager
		