

# MEASURE Multi Calibrator

Lot. 102ADL

Exp. 2026.06.

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		
Alubumin	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  
(\*\*) As a reference value

Tester	Quality Control Manager	Manufacturing Control Manager
		