

**MEASURE Multi Calibrator**

Lot. 102ABL

2024.06.

2°C ~8°C

(Blue Cap + Yellow Dot)

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

(\*) Standard solution recommended, as a reference value

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UMA Co.,Ltd.