



# Introducing Diazyme's New DZ-Lite™ c270



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An Affiliate of General Atomics



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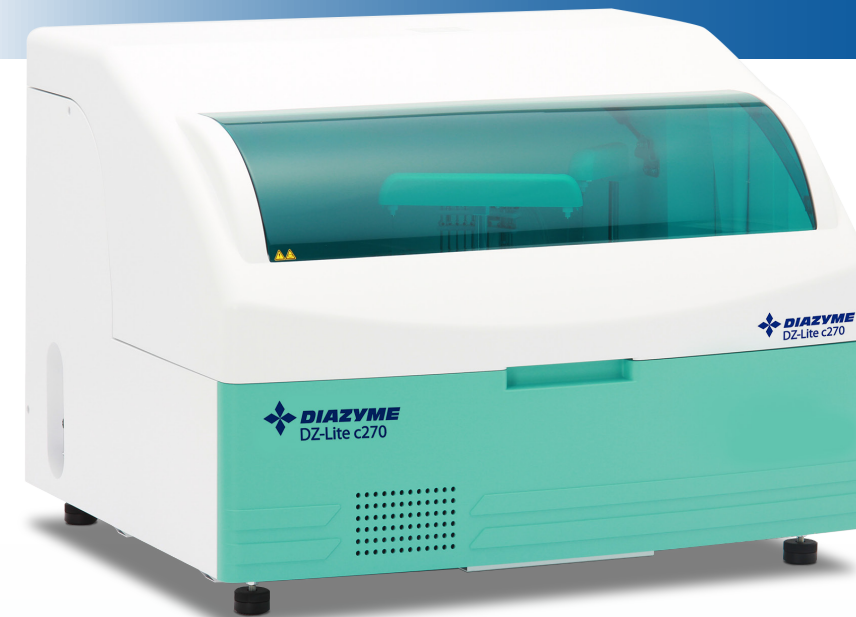
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**A Fully-Automated, Reliable, Bench-Top Solution**



- ▶ **INNOVATIVE ASSAY MENU**
- ▶ **RELIABLE & COMPACT INSTRUMENT**
- ▶ **EASY INSTALLATION**
- ▶ **USER FRIENDLY INTERFACE**
- ▶ **SUPPORTS BOTH 1 & 2-REAGENT AND 3 & 4-REAGENT ASSAYS**

## Fully-Automated Clinical Chemistry Analyzer



MK166 Rev. C

**INNOVATIONS IN CLINICAL DIAGNOSTICS**

# ASSAY MENU

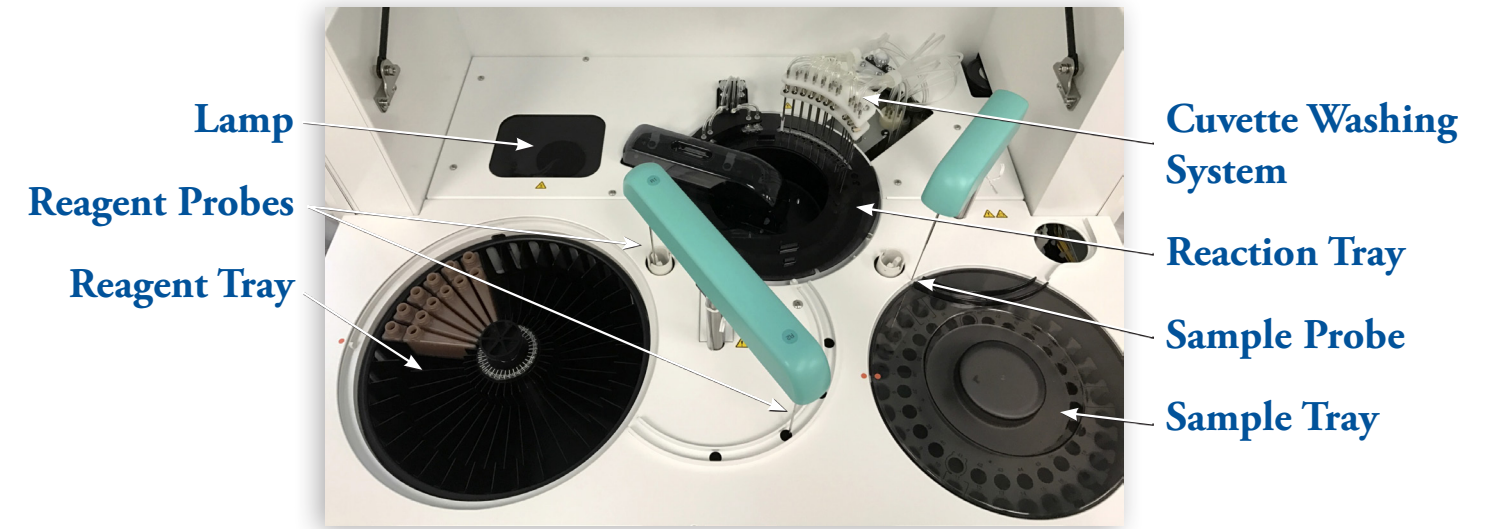
Catalog No.	Assay	Method	Regulatory Status	Throughput	Approx. Time to 1 <sup>st</sup> Result
<b>CANCER MARKERS</b>					
DZ169A-DZL	Human Kappa $\kappa$ Free Light Chain Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	CE 510(k) Cleared Health Canada Registered	Up to 270 tests/hr.	13 min
DZ170A-DZL	Human Lambda $\lambda$ Free Light Chain Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	CE 510(k) Cleared Health Canada Registered	Up to 270 tests/hr.	13 min
<b>CARDIOVASCULAR MARKERS</b>					
DZ568B-DZL	Homocysteine (HCY) 2 Reagent Assay	(Dual Vial Liquid Stable) (Enzyme Cycling)	CE 510(k) Cleared Health Canada Registered	Up to 270 tests/hr.	13 min
DZ785A-DZL	Heart-Type Fatty Acid-Binding Protein (H-FABP) Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	CE USA: For Research Use Only	Up to 270 tests/hr.	13 min
DZ10-0148-DZL	PLAC <sup>®</sup> Test for Lp-PLA <sub>2</sub> Activity	(Dual Vial Liquid Stable) (Enzymatic)	510(k) Cleared	Up to 270 tests/hr.	13 min
<b>COAGULATION MARKERS</b>					
DZ179A-DZL	D-Dimer Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	CE 510(k) Cleared	Up to 270 tests/hr.	13 min
DZ768A-DZL	Fibrinogen Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	510(k) Cleared	Up to 270 tests/hr.	13 min
<b>DIABETIC MARKERS</b>					
DZ168A-DZL	Direct Enzymatic HbA1c Assay	(Liquid Stable) (Single Channel)	CE 510(k) Cleared Health Canada Registered	Up to 270 tests/hr.	31 min
DZ168C-DZL	Direct HbA1c Assay (Enzymatic, On-Board Lysis)	(Dual Vial Liquid Stable) (Enzymatic)	CE 510(k) Cleared Health Canada Registered	Up to 60 tests/hr.	31 min
DZ112B-DZL	Glycated Serum Protein (GSP) Assay	(Dual Vial Liquid Stable) (Enzymatic)	CE 510(k) Cleared Health Canada Registered	Up to 270 tests/hr.	13 min
DZ152A-DZL	1,5-Anhydroglucitol (1,5-AG) Assay	(Dual Vial Liquid Stable) (Enzymatic)	USA: For Research Use Only	Up to 270 tests/hr.	13 min
DZ187A-DZL	Retinol Binding Protein (RBP) Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	CE 510(k) Exempt	Up to 270 tests/hr.	13 min
DZ188A-DZL	Adiponectin Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	USA: For Research Use Only	Up to 270 tests/hr.	13 min
<b>ELECTROLYTE MARKERS</b>					
DZ116B-DZL	Lithium Assay	(Dual Vial Liquid Stable) (Enzymatic)	CE 510(k) Cleared Health Canada Registered	Up to 270 tests/hr.	13 min
DZ114B-DZL	Sodium Assay	(Dual Vial Liquid Stable) (Enzymatic)	CE 510(k) Cleared	Up to 270 tests/hr.	13 min
DZ113C-DZL	Potassium Assay	(Dual Vial Liquid Stable) (Enzymatic)	CE 510(k) Cleared	Up to 270 tests/hr.	13 min
DZ122C-DZL	Carbon Dioxide (CO <sub>2</sub> ) Assay	(Single Vial Liquid Stable) (Enzyme Cycling 405 nm)	CE 510(k) Cleared	Up to 270 tests/hr.	13 min
<b>INFLAMMATORY MARKERS</b>					
DZ178C-DZL	Myeloperoxidase (MPO) Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	CE USA: For Research Use Only	Up to 270 tests/hr.	13 min
DZ135A-DZL	hsCRP Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	CE 510(k) Cleared	Up to 270 tests/hr.	13 min
<b>LIVER MARKERS</b>					
DZ117A-DZL	Adenosine Deaminase (ADA) Assay	(Dual Vial Liquid Stable) (Enzymatic)	CE USA: For Research Use Only	Up to 270 tests/hr.	13 min
<b>RENAL AND PANCREATIC MARKERS</b>					
DZ133C-DZL	Cystatin C Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	CE 510(k) Cleared	Up to 270 tests/hr.	13 min
DZ072B-DZL	Creatinine Assay	(Dual Vial Liquid Stable) (Enzymatic)	CE 510(k) Cleared	Up to 270 tests/hr.	13 min
<b>SEPSIS MARKERS</b>					
DZ558A-DZL	Procalcitonin (PCT) Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	CE 510(k) Cleared Health Canada Registered	Up to 270 tests/hr.	13 min
<b>VITAMIN MARKERS</b>					
DZ888A-DZL	Diazyme EZ Vitamin D Assay	(Dual Vial Liquid Stable) (Immunoturbidimetric)	CE 510(k) Cleared	Up to 270 tests/hr.	13 min
DZ689A-DZL2	Vitamin B12 Assay (small)	(Four Vial Liquid Stable) (Enzyme Immunoassay)	CE 510(k) Cleared	Up to 60 tests/hr.	31 min
DZ689A-DZL	Vitamin B12 Assay (large)	(Four Vial Liquid Stable) (Enzyme Immunoassay)	CE 510(k) Cleared	Up to 60 tests/hr.	31 min
DZ690A-DZL2	Folate Assay (small)	(Four Vial Liquid Stable) (Enzyme Immunoassay)	CE 510(k) Cleared	Up to 120 tests/hr.	30 min
DZ690A-DZL	Folate Assay (large)	(Four Vial Liquid Stable) (Enzyme Immunoassay)	CE 510(k) Cleared	Up to 120 tests/hr.	30 min

## FEATURED PRODUCTS

Additional Assays Coming Soon!

# DZ-Lite™ c270 SPECIFICATIONS

## MAIN UNIT ARRANGEMENT



REACTION	DESCRIPTION
<i>Throughput</i>	Up to 270 tests/hr.*
<i>Optical Measurement</i>	Fixed 13 wavelengths (340 - 800 nm)
<i>Optical Range</i>	OD 0 - 3.0
<i>Optical Source</i>	Tungsten halogen lamp
<i>Cuvette Washing</i>	Auto washing with heated water and 2 kinds of washing solutions
<i>Pure Water Consumption</i>	Max: 3.8 L/hour
<i>Reaction Waste Collection</i>	Reaction waste stored in a dedicated tank
INTERFACE	
<i>LIS Connectivity</i>	Bi-directional
<i>Operation</i>	Personal Computer
<i>OS</i>	Windows 10
<i>Reaction Display</i>	Optical absorbance graphic display
<i>Quality Control Views</i>	Current, Daily and Cumulative QC. Westgard algorithms
<i>Output</i>	Ethernet connection
COMPONENT	
<i>Dimension and Weight</i>	W800 x D670 x H555 (mm), Weight: Approx. 95 Kg
<i>Power Supply</i>	AC 100/115/220/230V, 50/60Hz, Voltage fluctuation less than 10%
<i>Power Consumption</i>	600VA
<i>Waste Liquid</i>	Separate drainage (low and high density waste)
<i>Reagent Tray</i>	36 reagents on-board
<i>Sample Tray</i>	30 samples on-board

\*Assay Dependent