



## **LIPASE ASSAY KIT**

### **DUAL VIAL LIQUID STABLE ASSAY**

**510(k) Exempt **

#### **ADAPTABLE LIQUID STABLE ASSAY IDEAL FOR AUTOMATION**

- ♦ Preferred chromogenic substrate 6' Methylresorufin ester used for the determination of lipase in both human and animal samples
- ♦ Readily adaptable to most open chemistry systems
- ♦ Compatible with either serum or plasma samples

#### **ANALYTICALLY ADVANTAGEOUS**

- ♦ Diazyme's 6' Methylresorufin ester is a direct assay without a second reaction unlike the 1 & 2 diglyceride method
- ♦ Ten-fold reduction in interference from triglycerides in comparison to the 1 & 2 diglyceride method
- ♦ Virtually no interference from cholesterol on random access analyzers

#### **RELIABLE AND STABLE FORMULATION**

- ♦ Highly stable liquid formulation with one month on-board stability and one week calibration stability

#### **CONVENIENT, FLEXIBLE AND COST EFFECTIVE**

- ♦ Cost effective and convenient universal and bulk packaging for laboratories of all sizes and workflows
- ♦ Dedicated calibrators and controls are available
- ♦ Offered in pre-filled cartridges for:
  - Olympus





## Lipase (LIP)

# LIPASE ASSAY

## LIQUID STABLE ASSAY

<b>Method</b>	Kinetic assay monitoring at 580 nm of the enzymatic cleavage of a synthetic substrate (6' Methylresorufin)
<b>Correlation</b>	<ul style="list-style-type: none"> <li>• N = 101</li> <li>• R<sup>2</sup> = 0.99732</li> <li>• Slope = 0.50054</li> <li>• y intercept = 3.9443</li> <li>• Excellent correlation to Roche's 6' Methylresorufin method</li> </ul>
<b>Precision</b>	<p>Intra-Assay Precision &lt; 2.84 CV% at 215.03 u/L</p> <p>Inter-Assay Precision &lt; 2.78 CV% at 215.03 u/L</p>
<b>On-Board Stability*</b>	Four weeks
<b>Calibration Interval*</b>	One week
<b>Sample Type</b>	<ul style="list-style-type: none"> <li>• Serum</li> <li>• Plasma</li> </ul>
<b>Assay Range</b>	The assay is linear up to 250 U/L

### \*Analyzer Dependent

Parameter questions for Lipase assay should be addressed to Diazyme technical support. Please call 858.455.4768 or email [support@diazyme.com](mailto:support@diazyme.com)

### RELIABLE PERFORMANCE

- Uses industry standard 6'Methylresorufin ester for consistent performance
- Wide linear range
- Dependable on-board and calibration stability

### CONVENIENT AND COST EFFECTIVE

- Liquid stable format requires no reagent preparation and reduces waste
- Results in as little as ten (10) minutes
- Low cost per test

### FLEXIBLE PACKAGING OPTIONS

- Adaptable for use on a wide variety of clinical chemistry analyzers
- Cartridges for major analyzer families including Olympus
- A choice of packing sizes for laboratories of all sizes and workflow
- Calibrator and controls sold separately

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