



## **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 ASSAY

## LIQUID STABLE ASSAY

### Lipase (LIP)

<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>	Intra-Assay Precision < 2.84 CV% at 215.03 u/L Inter-Assay Precision < 2.78 CV% at 215.03 u/L
<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

#### DIAZYME LABORATORIES

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