

# Material Safety Data Sheet

<b>Product Catalog Number:</b> 538-250	<b>Precaution:</b> For <i>In-Vitro</i> Use Only.
<b>Name</b> (on Label): ATAC® ALT (GPT) Reagent Kit	

Section I - NAME AND PRODUCT	
Manufacturer's Name: Vital Diagnostics, Inc.	Emergency Telephone Number: 1-760-602-8700
Address: 27 Wellington Road Lincoln, RI 02865	Telephone Number for Information: 1-401-642-8400; 1-800-345-2822
	Date Prepared: 6/1/08

Section II - Hazard Ingredients/Identity Information								
Hazardous Components	CAS #	NFPA			Conc.	% (WT)	TLV	OSHA PEL
		Health	Fire	Reactivity				
None determined to be hazardous.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<small>           PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).            TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1986-87.         </small>								

Section III - Physical/Chemical Characteristics	
<b>Boiling Point:</b> N/A	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> N/A
<b>Vapor Pressure (mm Hg.):</b> N/A	<b>Melting Point:</b> N/A
<b>Vapor Density (AIR = 1):</b> N/A	<b>Evaporation Rate:</b> N/A (Butyl Acetate = 1)
<b>Solubility in Water:</b> N/A	<b>Other Physical Data:</b> N/A
<b>Appearance and Odor:</b> N/A	

Section IV - Fire and Explosion Hazard Data		
<b>Flash Point (Method Used):</b> N/A	<b>Flammable Limits</b>	
	<b>Lower Explosive Limit:</b>	<b>Upper Explosive Limit:</b>
	N/A	N/A
<b>Extinguishing Media:</b> N/A		
<b>Special Fire Fighting Procedures:</b> N/A		
<b>Unusual Fire and Explosion Hazards:</b> N/A		

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Section V - Reactivity Data			
<b>Stability:</b>	Unstable		<b>Conditions to Avoid:</b> None.
	Stable	X	
<b>Incompatibility</b> ( <i>Materials to Avoid</i> ): None.			
<b>Hazardous Decomposition or Byproducts:</b> N/A			
<b>Hazardous Polymerization</b>	May Occur		<b>Conditions to Avoid:</b> None.
	Will Not Occur	X	

Section VI - Health Hazard Data			
<b>Route(s) of Entry:</b>	<b>Inhalation:</b> Yes	<b>Skin:</b> Yes	<b>Ingestion:</b> Yes
<b>Health Hazards</b> ( <i>Acute and Chronic</i> ): Avoid ingestion of reagents as toxicity has not been determined. Chronic: N/A Acute: N/A			
<b>Carcinogenicity:</b> N/A	<b>NTP:</b> N/A	<b>IARC Monographs:</b> N/A	<b>OSHA Regulated:</b> N/A
<b>Signs and Symptoms of Exposure:</b> N/A			
<b>Medical Conditions Generally Aggravated by Exposure:</b> N/A			
<p><b>Emergency and First Aid Procedures:</b> Although no MSDS is required by the standard, the following general guidelines are given should reagents be inhaled, ingested, or exposed to eyes or skin.</p> <p><b>Ingestion:</b> Drink large quantities of water or milk. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get medical attention.</p> <p><b>Skin:</b> Flush skin with water for 15 minutes. Wash affected area thoroughly with soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation develops or persists.</p> <p><b>Eyes:</b> Flush eyes including under the eyelids with water for 15 minutes. Get medical attention.</p> <p><b>Inhalation:</b> Provide fresh air. Restore or support breathing. Keep victim warm and quiet. Get medical attention.</p>			

Section VII - Precautions for Safe Handling and Use
<b>Steps to Be Taken in Case Material is Released or Spilled:</b> Ventilate area. Absorb with non-reactive absorbent. After absorption, scoop up into a container for proper disposal. Wash area clean after material is scooped up.
<b>Waste Disposal Method:</b> Dispose of in a manner consistent with federal, state and local regulation.
<b>Precautions to Be taken in Handling and Storing:</b> N/A
<b>Other Precautions:</b> N/A

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Section VIII - Control Measures		
<b>Respiratory Protection</b> ( <i>Specify Type</i> ): None required.		
<b>Ventilation:</b>	<b>Local Exhaust:</b> N/A	<b>Protective Gloves:</b> Yes
	<b>Mechanical (General):</b> N/A	<b>Eye Protection:</b> Yes
	<b>Special:</b> None.	<b>Other Protective Clothing or Equipment:</b> Lab Coat
	<b>Other:</b> Good ventilation.	<b>Work/Hygienic Practices:</b> Do not pipette by mouth. Normal laboratory precautions are recommended.

Section IX – Other Information
<b>Miscellaneous Information:</b> Reagents contain sodium azide as preservative. Accumulations of azide may react with copper or lead plumbing to form explosive compound on percussion. Flush drain with copious amounts of water to prevent build up.
<i>The information contained in this document is believed to be factual, however, nothing presented herein is to be taken as a warranty or representation for which Vital Diagnostics shall be liable.</i>