

MATERIAL SAFETY DATA SHEET
Elite™ gp120 (HIV-1/Clade A) ELISA Assay Kit

COMPANY DETAILS

Company: eENZYME LLC
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Gaithersburg, MD 20879
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IDENTIFICATION SECTION

Product Name *Elite™ gp120 (HIV-1/Clade A) ELISA Assay Kit*
Other Names None
Product Code CA-gp120A
U.N.Number None allocated
Dangerous Goods Class None allocated
and Subsidiary Risk
Hazchem Code None allocated
Poison Schedule None allocated
Use gp120 (HIV-1/Clade A) detection

Physical Description and Properties

Appearance Liquid
Melting Point Not available
Vapour Pressure Not available
Specific Gravity Not available
Flash Point Not available
Flammability Limits Not available
Solubility Water or DMSO

COMPOSITION/INFORMATION ON INGREDIENTS

Components	Ingredient	Quantity
Capture Antibody	Anti-gp120 Monoclonal antibody	0.05 ml
gp120 Standard	Recombinant gp120 protein	0.025 ml
Detection Antibody	Biotinylated anti-gp120 Monoclonal antibody	0.025 ml
Streptavidin-HRP Conjugate	HRP-Conjugated Streptavidin	0.025 ml
TMB Solution A	3,3',5,5'- tetramethylbenzidine	15 ml
TMB Solution B	H ₂ O ₂	15 ml
TMB Stop Solution	Sulfuric acid	30 ml

HEALTH HAZARD INFORMATION

Health Effects:

Acute

Swallowed:	May cause irritation
Eye:	May cause irritation
Skin:	May cause irritation
Inhaled:	May cause irritation to upper respiratory tract

Chronic

First Aid:

Swallowed:	If conscious, immediately induce vomiting
Eye:	Wash continuously with water for 15 minutes
Skin:	Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.
Inhaled:	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
First Aid Facilities:	Eye bath, safety shower

PRECAUTIONS FOR USE

Exposure Standards:	No data
Engineering Controls:	General or local exhaust ventilation
Personal Protection:	Safety goggles, uniform, apron, rubber gloves are recommended
Flammability:	Use in well ventilated area

SAFE HANDLING INFORMATION

Storage and Transport:	Keep in a tightly closed container. Stored in a cool, dry, ventilated area.
Spills and Disposal:	With clean shovel, carefully place material into clean, dry container and cover. Remove from area. Flush spill area with water. Dispose in accordance with all applicable federal, state and local environmental regulations. Wear self-contained breathing apparatus and full protective clothing.
Fire/Explosion Hazard:	Use extinguishing media appropriate for surrounding fire. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece in positive pressure mode. Note: decomposes at melting point. Toxic gases produced: hydrogen chloride, nitrogen oxides, carbon monoxide, carbon dioxide.

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.