



DIAGNOSTIC AUTOMATION, INC.

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MATERIAL SAFETY DATA SHEET

Free T3

IDENTIFICATION OF THE PREPARATION AND COMPANY NAME.

Supplier: Diagnostic Automation Inc.
21250 Califa Street, Suite 102 and 116,
Woodland Hills, CA 91367 USA

Emergency Telephone number: Please contact the local hospitals.

Product Name: fT3 (Free Triiodothyronine) Microwell Elisa
Catalog No: 3148-15

IDENTITY

- | |
|---------------------------|
| A) Human Serum References |
| B) Enzyme Reagent |
| C) Antibody Coated Plate |
| D) Wash Solution |
| E) Substrate A |
| F) Substrate B |
| G) Stop Solution |
| H) Product Instructions |

HAZARDOUS INGREDIENTS

Hazardous Component (s) Chemical & Common Name (s):	CAS#
Component A: Human Serum, sodium omadine, gentamicin sulfate, amphotericin B and Proclin 300.	9048-46-8, 3811-73-2, 1397-89-3, 1405-41-0 & 26172-55-4
Component B: Neomycin sulfate	1405-10-3
Component C: Dimethylsulfoxide	67-68-5
Component: C: 3, 3', 5, 5'-Tetramethylbenzidine	54827-17-7
Component: D: Urea-hydrogen peroxide	124-43-6
Component E: HCl solution	7647-01-0
Component F: Dried Streptavidin on the wells	

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	Specific Gravity (H ₂ O=1)	Vapor Pressure (mm Hg)
100-110°C	1.01-1.30	N/A
Percent Volatile by Volume (%) N/A	Vapor Density (Air = 1) : N/A	Evaporation Rate: : N/A
Solubility in Water:	Reactivity in Water:	Appearance and Odor:
100%	N/A	N/A

FIRE AND EXPLOSION DATA

Flash Point:	Flammable Limits in Air	LEL Lower
N/A	N/A	N/A
UEL Upper: N/A	Auto-Ignition Temperature: N/A	Extinguisher Media: N/A
Special Fire Fighting Procedures: NONE	Unusual Fire and Explosive Hazards: N/A	

PHYSICAL HAZARDS

Stability:	Stable
Incompatibility (Materials to Avoid)	N/A
Hazardous Polymerization	None

Hazardous Decomposition Products

Component C contains dimethylsulfoxide., which on combustion forms toxic gases of carbon monoxide, dioxide and sulfur oxides.

HEALTH HAZARDS

Hazardous Components (s)	
Component A: Human Serum, amphotericin B, gentamicin sulfate, sodium omadine and Proclin 300.	See DAI MSDS for human serum; See MSDS for amphotericin B, gentamicin sulfate, sodium omadine and Proclin 300.
Component B: Amphotericin B, Gentamicin Sulfate	Review MSDS (see above)
Component C: Dimethylsulfoxide	See MSDS for dimethylsulfoxide
Component C: Tetramethylbenzidine (TMB)	Review MSDS for TMB
Component D: Urea-hydrogen peroxide	See MSDS for this compound
Component E: HCl solution	Review MSDS for HCl
Primary Route (S) of Exposure	Contact with skin
Hygienic Practices	Wash hands after handling
Chemical listed as possible carcinogen	No
Emergency and First Aid Procedure	Wash affected area with copious quantities of water (see MSDS for human serum)

SPECIAL PROTECTION INFORMATION AND CONTROL MEASURES

Respiratory Protection	None
Ventilation	Normal
Work Technique	Apply good laboratory practices
Protective Gloves	Recommended
Eye Protection	Recommend
Other Protective Clothing	Lab coats should be worn at all times working in the lab.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions in Storage	Store all components at 2-8°C
Steps to be taken in case material is released or spilled	Soak up liquid with absorbent disposable paper. Wash affected area with copious amounts of water and detergent.
Waste Disposal	See SMDS for human serum and dimethylsulfoxide. Components B, D and E can be disposed through the sewage system. Observe all Federal, State and Local Environmental Regulations.

The opinions expressed herein are those of qualified technicians at Diagnostic Automation Inc., and also from published literature. Diagnostic Automation Inc. believes that the information contained herein is current as of the date of the Material Safety Data Sheet. Since the use of this information and the conditions

of use of the product are not within the control of Diagnostic Automation Inc., it is the use's obligation to determine the conditions of safe use of the product. Normal precautions for safety should be taken while working in the laboratory. The product uses biochemicals derived from human and animal origin. Human and animal components were tested for HbsAg I, HIV I&II and HCV at the donor level and were found non-reactive. However, since no test can give 100% assurance, the reagents contained in the kit should be used as if capable of transmitting disease.

Date Adopted	2016-05-20
REF 3148-15	DA-Free T3



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