



Material Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

bioMérieux, Inc.

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Web Site: <http://www.biomerieux-usa.com/index.htm>**EMERGENCY CONTACT**

1-800-424-9300 (Chemtrec)

Or Contact Your Local

Poison Control Center

Product Number: 30205, 30218, 30219, 30403, 30423, 30603, 30442**Product Name:** VIDAS® CMV IgM (CMVM), Mumps IgG (MPG), Measles IgG (MSG), T3 (T3), D-Dimer (DD), Digoxin (DIG), D-Dimer New (DD2)**Product Description:** This kit contains plastic reagent strips with 10 wells, each containing reagents or washes, plastic SPRs, and liquid or lyophilized controls and reagents.

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! Irritating to eyes. Contact with reagents may cause irritation and other harmful effects. Do not get in eyes, on skin or clothing. Keep containers closed. Contains human source materials. Observe biosafety procedures when handling kit and patient specimens.

US OSHA Classification (29CFR1910.1200): Eye irritant, Target organ effects**EU Classification (1999/45/EC):** Xi (Irritant) R36, S26

See Section 16 for further information on EU Classification.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	COMPONENT	PERCENTAGE
Mixture	Human Serum (Standard, Controls, Diluent)	Not Available
111-42-2	Diethanolamine (Reagent Strip)	6-8%
26628-22-8	Sodium Azide (All Kit Component)	<0.1%
Mixture	Animal Serum (Reagent Strip and SPRs)	Not Available

See Section 8 for exposure limits.

SECTION 4: FIRST AID MEASURES

Inhalation: Immediately remove the victim to fresh air. If breathing has stopped administer artificial respiration. Get immediate medical attention.**Skin Contact:** Immediately remove contaminated clothing. Wash thoroughly with soap and water. Get medical attention if irritation develops.**Eye Contact:** Immediately flush the eyes with large amounts of water for 15 minutes while holding the eyelids open to assure that the entire surface is flushed. Get immediate medical attention.**Ingestion:** Immediately call poison control and follow their instructions. Do not give anything by mouth. Get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Use any media appropriate for the surrounding fire.**Special Fire Fighting Procedures:** Firefighters should wear self-contained breathing apparatus and full protective

clothing.

Unusual Fire and Explosion Hazards: None known.

Hazardous Combustion Products: None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear protective equipment (gloves, apron and safety goggles). Treat spill area with liquid detergent and a 10% bleach solution to inactivate infectious agents. Wipe area thoroughly with a damp paper towel and dispose as biohazardous waste.

SECTION 7: HANDLING AND STORAGE

Follow the directions on the package insert. Follow good laboratory practices of avoiding contact (breathing, touching, smoking, etc.) with a laboratory reagent. Avoid contact with the skin and eyes. Observe routine biosafety precautions in handling reagents and patient specimens.

Follow storage instructions on the product label.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Component	Exposure Limits
Human Serum	Not applicable
Diethanolamine	0.46 ppm TWA ACGIH TLV
Sodium Azide	0.29 mg/m3 Ceiling ACGIH TLV
Animal Serum	Not applicable

Ventilation: General room ventilation will be sufficient.

Respiratory Protection: None should normally be needed.

Gloves: Powderless disposable latex gloves recommended.

Eye Protection: Standard laboratory safety glasses.

Other Protective Equipment/Clothing: None known.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Controls, Reagents, Diluents – aqueous solutions. 30423 Controls and Calibrator and lyophilized powders.

pH: 6-9.7	Boiling Point: Not determined
Vapor Pressure: Not determined	Melting Point: Not determined
Vapor Density: Not determined	Percent Volatile: Not determined
Evaporation Rate: Not determined	Specific Gravity: Not Determined
Water Solubility: All are soluble	Coefficient of Oil/Water: Not Determined
Flash Point: None	Autoignition Temp: None
Flammability Limits: LEL: Not Applicable UEL: Not Applicable	

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Avoid heat.

Incompatibility: Metals (aluminum mercury, copper, lead, zinc), strong acids.

Hazardous Decomposition Products: Sodium azide can react with metals to form explosive azides.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Note: This product contains source materials of human origin. These materials were tested and found to be non-reactive for antibody to HIV-1 and HIV-2, antibody to hepatitis C (HCV) as well as for hepatitis B surface antigen (HbsAg). However, as it is not possible to offer complete assurance that infectious agents are not present, all materials of human origin should be handled as though they might contain potentially infectious agents.

Note: This product contains products of animal origin. Certified knowledge of the origin and/or sanitary state of the animals does not totally guarantee the absence of transmissible pathogenic agents. It is therefore recommended that these products be treated as potentially infectious and handled observing the usual safety precautions.

Inhalation: Inhalation of mists may cause respiratory irritation and possible systemic effects similar to ingestion.

Skin Contact: Contact may cause mild irritation. Sodium azide is absorbed through the skin with symptoms similar to ingestion.

Eye Contact: Contact may cause moderate to severe irritation.

Ingestion: May cause gastrointestinal irritation and other adverse effects. Sodium azide is highly toxic by ingestion and may cause nausea, vomiting, shortness of breath, low blood pressure and collapse.

Chronic Health Hazards: Prolonged overexposure to diethanolamine may cause liver and kidney damage.

Carcinogen Status: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

Medical Conditions Aggravated by Exposure: None currently known.

Acute Toxicity Values:

Sodium Azide: LD50 oral rat 27 mg/kg; LD50 skin rabbit 20 mg/kg.

Diethanolamine: LD50 oral rat 710 mg/kg; LD50 skin rabbit 12,200 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

The following is available acute aquatic toxicity for the components of this product.

Sodium Azide: LC50 daphnia pulex 4.2 mg/L/96 hr; LC50 rainbow trout 0.8-1.6 mg/L/96 hr

This product contains non-ionic surfactant Tween 20.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of product in accordance with all local, state/provincial and federal regulations for biohazardous materials.

This product contains sodium azide which could react with lead or copper plumbing to form explosive metal azides. If liquid containing sodium azide is disposed of in the plumbing system, flush drains with large volumes of water to avoid buildup.

Container Disposal: Empty containers should be collected for proper disposal as biohazardous waste.

SECTION 14: TRANSPORT INFORMATION

Not regulated for transportation by DOT, IATA/ICAO or IMDG.

SECTION 15: REGULATORY INFORMATION

SARA 311/312: Hazard Categories for SARA 311/312 Reporting: Acute health, chronic health

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Section 313(40 CFR372): Diethanolamine 6-8% (Reagent Strip well 10)

CERCLA Section 103 Reportable Quantity: Releases of this product above the RQ of 1250 lbs (based on 6-8% Diethanolamine with an RQ of 100 lbs) must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California Proposition 65: This product contains the following substances known to the State of California to cause cancer and/or reproductive harm: None known

Canada WHMIS Classification: Class D-2-B.

SECTION 16: OTHER INFORMATION

NFPA Hazard Rating: Health: 1 Fire: 0 Reactivity: 0

Revision History:

03/20/2009: Updated MSDS format

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

R36 Irritating to eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

The above information is believed to be correct as of the date of this sheet but does not purport to be all inclusive and shall be used only as a guide. Since the use of this information and the conditions of use of the product are not within the control of bioMérieux S.A. nor bioMérieux, Inc., it is the user's obligation to assure safe use of this product.