

1. Product & Company Information

Manufacturer InBios International, Inc.
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Information Phone Number: 206-344-5821
Hours: Mon. to Fri. 8:30-5
Emergency Number: 206-344-5821

Catalog Number(s) DDMS-1
Product Name DENV Detect™ IgM Capture ELISA
Synonyms N/A
Formula N/A
Molecular Weight N/A

2. Composition / Information on Ingredients

Component	CAS #	SARA
1. Coated Microtiter Strips for Human IgM		
2. DENV Sample Dilution Buffer , pH 7.2-7.6		
Tris-HCl Buffered Solution	1185-53-1	No
Tween 20 (≤0.05%)	9005-64-5	No
Proclin (≤0.05%)		
3. Dengue IgM Positive Control (heat inactivated)		
Positive serum		
Proclin (0.05%)		
4. Dengue IgM Negative Control		
Negative serum		
5. Ready to Use Dengue Recombinant antigen for IgM, pH 7.2-7.6		
Tris-HCl Buffered Solution	1185-53-1	No
Tween 20 (≤0.05%)	9005-64-5	No
Proclin (≤0.05%)		
G418 Sulphate (0.0025-0.004%)		
6. Ready to Use Normal Cell Antigen (NCA) for Dengue IgM		
Tris-HCl Buffered Solution		
Tween 20 (≤0.05%)	9005-64-5	No
Proclin (≤0.05%)		
7. Ready to Use Enzyme Conjugate-HRP for Dengue IgM, pH 7.2-7.6		
Tris based buffered solution		
Tween 20 (≤0.05%)	9005-64-5	No
Thimerosal (0.01%)	54-64-8	Yes

8. 10X Wash Buffer , pH 6.7-7.1 Phosphate buffered saline (10X) Tween 20 (1.0%)	9005-64-5	No
9. EnWash , pH 7.2-7.6 Phosphate buffered saline Tween 20 ($\leq 0.05\%$)	9005-64-5	No
10. Liquid TMB Substrate , pH 3.3-3.8 3,3',5,5'-Tetramethylbenzidine ($\leq 0.05\%$) Hydrogen peroxide ($\leq 0.05\%$) Citric-acid citrate buffer	54827-17-7 7722-84-1	No No
11. Stop Solution Sulfuric Acid, aqueous (1N) <i>Corrosive</i>	7664-93-9	No

3. Hazard Identification

Emergency Overview

Additional Toxicity information is Section 11.

Potential Health Effects (Acute and Chronic)

Inhalation: May be irritating to mucous membranes and respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

Skin Contact: May be irritating to skin. Sulfuric acid causes severe burns.

Eye Contact: May be irritating to eyes. Sulfuric acid causes severe burns.

Aggravated Medical Conditions by Exposure: No information found.

Carcinogenicity: High levels of exposure to sulfuric acid mists and mercury compounds have shown carcinogenic effects.

Sensitization: No information found.

4. First Aid Measures

Emergency First Aid

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE.

Inhalation Remove to fresh air; give artificial respiration if breathing has stopped.

Ingestion Wash out mouth with water provided person is conscious; get immediate medical attention.

Skin Immediately flush thoroughly with large amounts of water. Remove contaminated clothing and wash before reuse. Seek medical attention.

Eyes Immediately flush thoroughly with water for at least 15 minutes. Seek medical attention.

5. Fire Fighting Measures

Extinguishing Media Use dry chemical powder.
Fire Fighting Procedures Wear self-contained breathing apparatus and protective clothing.
Fire & Explosion Hazards Emits toxic fumes under fire conditions.

6. Accidental Release Measures

Spill Response

Evacuate the area of all unnecessary personnel. Wear suitable protective equipment listed under Exposure / Personal Protection. Contain the release and eliminate its source, if this can be done without risk. Spill material should be disposed of accordingly (see Section 12). Comply with all Federal, State, and local regulations on reporting releases. Refer to Regulatory Information for reportable quantity and other regulatory data.

7. Handling and Storage

Handling

Avoid inhalation and contact with skin, eyes, and clothing. Avoid prolonged and repeated exposure. Components containing human serum must be treated as biohazardous and handled following Universal Precautions.

Storage

Keep container tightly closed and protected against physical damage. Store under appropriate conditions away from incompatible chemicals.

8. Exposure Controls and Personal Protection

Safety Equipment

Safety showers and eye wash station.

Personal Protective Equipment

Engineering and/or administrative controls should be implemented to reduce exposure. Protective gloves must be worn to prevent skin contact. Safety glasses with side shields must be worn at all times. Impervious protective clothing should be worn to prevent skin contact.

Work and Hygiene Practices

Wash thoroughly after handling. Wash contaminated clothing before reuse.

