# Material Safety Data Sheet (MSDS)

## Products and Company identification

Products name : ELISA Kit For Research Use Only  
Supplier: Bio-Medical Assay Co., Ltd (BMASSAY)  
Room 605,KaiCheng Building1,QingYuanXIIi,QingHe,HaiDian District,BeiJing100192, China  
Tel: +86-10-59871930/31 Fax: +86-10-59871932  
Website: www.bmassay.com E-mail: info@bmassay.com

## Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Main Ingredients</th>
<th>Content (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride</td>
<td>2-7</td>
</tr>
<tr>
<td>Disodium hydrogen phosphate</td>
<td>1-4</td>
</tr>
<tr>
<td>$\text{H}_2\text{O}$</td>
<td>3-98</td>
</tr>
<tr>
<td>Sodium dihydrogen phosphate</td>
<td>0.6-2</td>
</tr>
<tr>
<td>BSA</td>
<td>0.8-2.4</td>
</tr>
<tr>
<td>Glycerine</td>
<td>3-16</td>
</tr>
<tr>
<td>Acetic acid</td>
<td>12</td>
</tr>
<tr>
<td>Dilute sulfuric acid</td>
<td>9</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>0.2</td>
</tr>
</tbody>
</table>

## Hazards Identification

Risk categories: no data to determine  
Pathways: inhalation, ingestion, absorption through the skin  
First aid measures:  
Inhalation: rapidly from the scene to fresh air. Medical treatment.  
Skin contact: immediately stripped off contaminated clothing, rinse with plenty of water for at least 15 minutes. Medical treatment.  
Eye contact: Did eyelid, mobile water or saline thoroughly washed at least 15 minutes. Medical treatment.

## Fire Fighting Measures

Flammability: Noncombustible  
Extinguishing Media: water spray, alcohol resistant foam, dry powder, carbon dioxide.
Spill contingency measures

Isolation leakage polluted area. Recommended emergency personnel wearing dust masks, wear protective clothing. Before wear suitable protective clothing, forbidden contact with the rupture the container and spill. As much as possible to cut off the source of the leak. Plastic sheeting to cover the spill and reduce dispersion. And collect spillage with clean shovel, placed in a clean, dry, loose lid container, transfer the container from spill area.

Handling Precautions

Enhance ventilation. The operator must strictly abide by the rules. Proposing operating personnel wearing chemical protective safety glasses, wear protective overalls on infiltration, wear rubber gloves. Avoid direct contact with the reagent liquid. Gently pick and place the kit to prevent damage to packaging and containers. Provide spill contingency processing equipment. The empty containers may be harmful residues.

Storage: stored at 2-8 °C or -20 ° degrees.

Exposure controls / personal protection

Workplace occupational exposure limits:
Chinese MAC (mg/m³): No Data
Former Soviet Union MAC (mg/m³): No Data
U.S. TLV-TWA (mg / m³): No Data
United States TVL-STEL: No Data
Engineering controls: Enhance ventilation in operation. Provide safety showers and eyewash equipment.
Respiratory protection: concentration in air overweight, wearing self-absorption filter respirators (half-mask). Emergency rescue or evacuation, air respirators to wear.
Eye Protection: Wear chemical safety glasses.
Physical protection: wear anti-acid plastic overalls.
Hand protection: Wear rubber gloves acid.
Other: Prohibit smoking in the work site.
Work completed, take a shower. Attention to personal hygiene.

Stability and reactivity

Stability: Stable
Hazardous Polymerization: Will not aggregate
Incompatible materials: high temperature, strong light.
Combustion (decomposition) products: No Data

Toxicological Information

No Data
**Ecological information**

The substance is harmful to the environment, should pay particular attention to water pollution.

**Waste disposal**

Method of disposal: should refer to national and local regulations before disposal.

**Transport Information**

IMDG: Not available  
UN Number: Not available  
Packing Group: No Data  
Packaging mark: No Data  
Packing method: No Data

**Other Information**

This material is sold for research purposes only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. **Bio-Medical Assay Co., Ltd (BMASSAY)** shall not be held liable for any damage resulting from handling or from contact with the above product.