Safety Data Sheet

Version 2.0
Revision Date 03/13/2018

1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Human IgG ELISA Quantitation Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Number</td>
<td>E80-104</td>
</tr>
<tr>
<td>Supplier</td>
<td>Bethyl Laboratories, Inc.</td>
</tr>
<tr>
<td></td>
<td>25043 West FM 1097</td>
</tr>
<tr>
<td></td>
<td>Montgomery, TX 77356</td>
</tr>
<tr>
<td>Telephone</td>
<td>800-338-9579</td>
</tr>
<tr>
<td>Fax</td>
<td>866-597-6105</td>
</tr>
</tbody>
</table>

Product Use
The ELISA Set is intended for in vitro determination of Human IgG in biological samples or culture media. For Research Use Only, Not for Diagnostic Use.

2. Hazards Identification

GHS Classification
Not a hazardous substance or mixture.

GHS Label elements

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal word</td>
<td>None</td>
</tr>
<tr>
<td>Precautionary Statement(s)</td>
<td>None</td>
</tr>
</tbody>
</table>

3. Composition/Information on Ingredients

Mixtures
No ingredients are hazardous according to OSHA criteria.
No ingredients are hazardous according to Regulation (EC) No 1272/2008 criteria.
No components need to be disclosed according to the applicable regulations.

4. First Aid Measures

If swallowed
Rinse mouth with water provided person is conscious.

Skin contact
Wash skin with soap and plenty of water.

Eye exposure
Flush eyes with water as a precaution.

If inhaled
Move person to fresh air. If not breathing, give artificial respiration.

5. Fire-Fighting Measures

Conditions of flammability
Not flammable or combustible

Extinguishing Media
Water, foam, carbon dioxide, or dry chemical.
Unusual Fire & Explosion Hazard
No usual fire or explosion hazards noted.

Special protective equipment for firefighters
Wear self-contained breathing apparatus if necessary.

6. Accidental Release Measures

Personal precautions
If spill occurs, wear protective gloves and clean up the spill area with inert absorbent material. Avoid post-cleanup contact of chemical with skin, eyes or inhalation.

Environmental precautions
Do not allow to enter drains, sewers or watercourses.

Methods and materials for containment and cleaning up
Dispose of clean-up waste in suitable closed containers

7. Handling and Storage

Conditions of safe storage
Keep container tightly closed and upright to prevent leakage.

Recommended storage temperature is 2 - 8 °C.

8. Exposure Controls/Personal Protection

Contains no substance with occupational exposure limit values.

Respiratory protection
In well ventilated areas, respiratory protection not required.

Hand protection
Handle with gloves.

Eye protection
Wear safety goggles.

Skin and body protection
Lab coat to limit skin exposure

General hygiene
Wash hands before breaks and at the end of each work shift and before eating, smoking or using the toilet. Wash contaminated clothing and shoes before reuse.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td></td>
</tr>
<tr>
<td>Form</td>
<td>liquid</td>
</tr>
<tr>
<td>Color</td>
<td>colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>odorless</td>
</tr>
<tr>
<td>pH</td>
<td>no data available</td>
</tr>
</tbody>
</table>
10. Stability and Reactivity

Chemical stability
Product is stable under normal conditions of storage and use.

Possibility of hazardous reactions
No data available

Conditions to avoid
No data available

Materials to avoid
Oxidizing agents, reducing agents, amines, mercaptans

Hazardous decomposition products
Under normal conditions and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Acute toxicity
May cause sensitization among susceptible persons.

Skin contact
May cause irritation.

Eye contact
May cause irritation.

Germ Cell Mutagenicity
No data available

Carcinogenicity
Not listed by IARC, ACGIH, NTP, OSHA

Reproductive toxicity
No data available

Specific target organ toxicity
No data available

12. Ecological Information

Toxicity
Not determined

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Mobility in soil
No data available

PBT and vPvb assessment
No data available

Other adverse effects
At the concentration present this product does not need to be classified as hazardous for the environment and the effects are not expected to be significant.
13. Disposal Considerations

Dispose of material in accordance with federal, state, and local regulations.

14. Transportation Information

No special transport regulations
DOT (US) Not dangerous goods
ADR (road)/RID(rail) Not dangerous goods
IMDG (sea) Not dangerous goods
ICOA/IATA (air) Not dangerous goods

15. Regulatory Information

OSHA Hazards

SARA 302 Components
No chemicals in this material are subject to reporting requirements of SARA title III, Section 302.

SARA 313 Components
No chemical components were found

SARA 311/312 Hazards
Acute Health Hazard No

16. Other Information

Kit Components:
Goat anti-Human IgG-Fc Antibody Affinity Purified A80-104A No known OSHA hazards
Human Reference Serum RS10-110 No known OSHA hazards
Goat anti-Human IgG-Fc Antibody HRP Conjugated A80-104P No known OSHA hazards

For research use only.

Read instructions for use before using the product. Observe the general safety regulations when handling chemicals.

The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state, or local laws or regulations.

Prepared by: Safety Department
Bethyl Laboratories, Inc.
1-800-338-9579