

Material Safety Data Sheet

SECTION 1: PRODUCT IDENTIFICATION

Product Name:

human IL-4 Titerzyme® Immunometric Kit

Product Number:

900-145

Manufacturer's Information:

Company Name: Assay Designs, Inc.

Address: 800 Technology Drive

Ann Arbor, MI 48108 USA

Emergency Phone Numbers: 800.833.8651 (USA & Canada)
734.668.6113

Fax Number: 734.668.2793

SECTION 2: COMPONENTS

<u>Part Number:</u>	<u>Name:</u>	<u>Quantity:</u>
80-1385	human IL-4 Microtiter Plate	1 each
80-1387	human IL-4 Streptavidin-HRP Concentrate	75 µL
80-1391	human IL-4 Streptavidin-HRP Dilution Buffer	13 mL
80-1388	human IL-4 Biotinylated Antibody	8 mL
80-1386	human IL-4 Standard Diluent	14 mL
80-1253	Wash Buffer Concentrate	50 mL
80-1389	human IL-4 Standard	2 vials
80-1390	human IL-4 TMB Substrate	12 mL
80-1392	human IL-4 Stop Solution	13 mL

SECTION 3: HAZARDS

The physical, chemical and toxicological properties of these components have not been fully investigated. It is recommended that all laboratory personnel follow standard laboratory safety procedures when handling this product. Safety procedures should include wearing OSHA approved safety glasses, gloves, and protective clothing. Direct physical contact with all components in this product should be avoided.

<u>Known Hazardous Components</u>	<u>CAS Number</u>	<u>Percent</u>
5-Chloro-2-methyl-isothiazolin-3-one	26172-55-4	0.8
and 2-methyl-4-isothiazolin-3-one (mix 3:1)	2682-20-4	
Benzalkonium Chloride (PN 80-1390)	8001-54-5	3.5
0.18 M H ₂ SO ₄ (PN 80-1392)	7664-93-9	0.1-1

Section 4: First Aid Measures

Ingestion If swallowed, wash out mouth with water provided person is conscious. Call a physician or poison control.

Skin Contact Flush with copious amounts of water and wash with soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.

Inhalation Remove to fresh air. If breathing becomes difficult give oxygen. If breathing stops, administer artificial respiration. Call a physician.

Eye Contact Flush with copious amounts of water for at least 15 minutes. Check for and remove contact lenses. Assure adequate flushing by separating the eyelids. Call a physician.
If medical attention is required, provide product label and/or MSDS.

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Section 5: Fire Fighting Measures

None of the components of this kit pose a significant risk in case of fire. Fire fighting media should be selected to suit other materials involved in the fire. It is recommended that firefighters wear protective gear and self contained breathing apparatus to limit their exposure.

Section 6: Accidental Release Measures

Ventilate area. Shut off all sources of ignition. Wear appropriate protective gear. Wipe or pick-up materials, place in sealed container, dispose of in accordance with federal, state, and local regulations. Wash spill site thoroughly with soap and water after material pick-up is complete.

Section 7: Handling and Storage

This kit should be stored as recommended on the product label. All components should be kept in tightly closed containers. Refer to the Storage section of the kit insert for further information. This kit should only be handled and used by qualified, trained professionals.

Section 8: Exposure Control / Personal Protection

Refer to Sections 6 and 7.

Section 9: Stability and Reactivity

This product is stable until the expiration date indicated on the label under the specified storage conditions.

There are no known reactivities with these components. Refer to the kit insert for further information.

Section 10: Toxicological Information

None available.

Section 11: Ecological Information

None available.

Section 12: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used as a guide. Assay Designs, Inc. shall not be held liable for any damage resulting from handling or contact with the above product. The burden of safe use of these materials rests solely with the user.

Assay Designs, Inc., Emergency Phone Numbers: 800.833.8651 (USA & Canada) or 734.668.6113