

Proteoquant™ Proteome Quantification Assay Kit

Material Safety Data Sheet (MSDS)

Revision Number: 1.1

Last updated October 2010

Section 1 - Product and Company Identification

Product Name: Proteoquant™ Proteome Quantification Assay Kit
Catalog Number: 44110
Unit Size: 1 kit
Manufacturer/Supplier: Protein Discovery, Inc.
418 South Gay Street, Suite 203
Knoxville, TN 37902
Tel: 865-521-7400
Fax: 865-521-3548
Web: <http://www.proteindiscovery.com>
e-Mail: support@proteindiscovery.com

Section 2 - Composition / Information on Ingredients

Name	CAS-No.
Reagent A	
Sodium carbonate	497-19-8
Sodium tartrate	6106-24-7
Sodium bicarbonate	144-55-8
Bicinchoninic acid	979-88-4
Sodium hydroxide	1310-73-2
Reagent B	
Cupric sulfate	7758-99-8
Bovine Serum Albumin Standard	9048-46-8
Compatibility Reagent	
Reconstitution Buffer	

Section 3 - Hazards Identification

Emergency Overview: Avoid contact and inhalation. To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with caution.

Potential Health Effects

Inhalation: Causes respiratory tract irritation.
Ingestion: May be harmful if swallowed.
Skin: Causes skin irritation.
Eyes: Causes eye irritation.
Chronic Exposures: No information available
Target Organs: No information available

Section 4 – First Aid Measures

Potentially harmful. Avoid prolonged or repeated exposure. Wash thoroughly after handling. If eye or skin contact occurs, immediately wash affected area with soap and copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician to seek medical advice. If swallowed, wash out mouth with water provided person is conscious and call a physician to seek medical advice. If inhaled, move individual to fresh air and call a physician to seek medical advice.

Section 5 - Fire Fighting Measures

Extinguishing media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special firefighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 - Accidental Release Measures

Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

Section 7 - Handling and Storage

Avoid contact with eyes, skin, and clothing. Keep in properly labeled containers.

Section 8 - Exposure Controls / Personal Protection

<i>Respiratory protection</i>	In case of insufficient ventilation wear suitable equipment
<i>Hand protection</i>	Protective gloves
<i>Eye protection</i>	Safety glasses with side-shields
<i>Skin and body protection</i>	Lightweight protective clothing

Section 9 - Physical and Chemical Properties

<i>Form:</i>	Liquid
<i>Odor:</i>	No information available
<i>Solubility in Water:</i>	No information available
<i>Specific Gravity:</i>	No information available
<i>pH:</i>	No information available
<i>Boiling Point:</i>	No information available
<i>Melting Point:</i>	No information available
<i>Flash Point:</i>	No information available
<i>Vapor Pressure:</i>	No information available

Section 10 - Stability and Reactivity

<i>Stability</i>	Stable under recommended storage conditions.
<i>Dangerous Products of Decomposition:</i>	No information available
<i>Dangerous Reactions:</i>	No information available

Section 11 - Toxicological Information

<i>RTECS Number:</i>	None known
<i>Toxicity:</i>	None known
<i>Health Hazards:</i>	Not thoroughly investigated.
<i>Potential Hazards:</i>	The complete properties have not been investigated and should be treated as potentially hazardous.
<i>Carcinogenicity:</i>	Not listed by NTP, IARC or OSHA.

Section 12 - Ecological Information

No information available.

Section 13 - Disposal Considerations

Consult local, state or national regulations for proper disposal.

Section 14 - Transport Information

<i>DOT:</i>	Not regulated
<i>IATA:</i>	Not available

Section 15 – Regulatory Information

<i>US Toxic Substances Control Act (TSCA):</i>	Not listed
<i>US Other:</i>	Not applicable
<i>EEC EINICS Number:</i>	Not identified
<i>Other Country Regulations:</i>	None identified
<i>EEC Risk Statements:</i>	Not determined

Section 16 - Other Information

This material is sold for research purposes only and is not required to appear on the TSCA inventory. 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. Protein Discovery shall not be held liable for any damage resulting from handling or from contact with the above product.