



Material Safety Data Sheet

Histone ELISA

In-Vitro Diagnostic Use Only

SECTION 1. Company Identification

Product name: Histone ELISA
Catalog No.: 2571-1
Synonyms: N/A
Product description: ELISA-based Diagnostic Kit
Intended Use: Laboratory Use
Kit Storage: 2-8°C

Company: Diagnostic Automation Inc.
Address: 21250 Califa St, Suite 102 & 116,
Woodland Hills, CA 91367, USA.

Website: www.rapidtest.com
Phone: 818-591-3030
Fax: 818-591-8383
E-mail: onestep@rapidtest.com

Emergency phone: Contact your local Emergency Health Provider.

SECTION 2. Hazards Identification

2.1 Classification of the substance or mixture

Main hazards: HCV by FDA approved tests, no test method can offer complete assurance that the abovementioned or any other infectious agents are absent, this reagent should be handled as recommended for any potentially infectious human serum or blood specimen.

Classification – EC 1272/2008 Skin Irrit. 2: H315; Eye Irrit. 2: H319;

2.2 Label elements

Hazard Pictograms:



Signal Word: Warning
Hazard Statement: Skin Irrit. 2: H315 – Causes skin irritation.
Eye Irrit. 2: H319 – Causes serious eye irritation.

Precautionary Statement: Prevention P264 – Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection
Precautionary Statement: Response P302+P352 – IF ON SKIN: Wash with plenty of water.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 – Specific treatment (see on this label).
P332+P313 – If skin irritation occurs: Get medical advice/attention.
P337+P313 – If eye irritation persists: Get medical advice/attention.



SECTION 3. Composition and Ingredients Information

3.1 Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration No.	Conc. (%w/w)	Classification	M-factor
ProClin 300							
Bromonitrodioxane							
Gentamicin Sulfate		1405-41-0					
Human Serum							
Sodium azide (as NaN ₃)	011-004-00-7	26628-22-8	247-852-1			Acute Tox. 2: H300; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	
N-Z-Amine CH001A							
Bovine Serum Albumin		9048-46-8					
Sodium Chloride		7647-14-5	231-598-3				
Sodium Phosphate, Dibasic CH012		7558-79-4	231-448-7				
Tween 20 CH016		9005-64-5	500-018-3				
Potassium Chloride CH037		7447-40-7	231-211-8				
Sodium Phosphate, Monobasic CH012A		7558-80-7	231-449-2				
Hydrochloric acid...%	017-002-01-X		231-595-7			Skin Corr. 1B: H314; STOT SE 3: H335	
Tween 80 005-392		9005-65-6					
Tris Base		77-86-1	201-064-4				
EDTA DINA (ED2SS) 006-436		6381-92-6	205-358-3				
SureBlue TMB Microwell Peroxidase Substrate (1-component)		Proprietary					
Hydrogen Peroxide		7722-84-1					
Sulfuric Acid...% (mist)	016-020-00-8	7664-93-9	231-639-5		1-10%	Skin Corr. 1A: H314;	

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration No.	Conc. (%w/w)	Classification	M-factor
Sulfuric Acid...% (mist)	016-020-00-8	7664-93-9	231-639-5		1-10%	C; R35	

3.2 Hazardous Ingredients

Biohazardous Material

3.3 Further Information

No substance is present at a concentration level, specified by EC directive, which presents a health or environmental hazard.

SECTION 4. First Aid Measures

4.1 Description of first aid measures

Inhalation:	May cause irritation to mucous membranes. Inhalation may also cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact:	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact:	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion:	Ingestion may cause nausea and vomiting. Flush mouth with water, without swallowing (DO NOT INDUCE VOMITING). Seek medical attention if irritation or symptoms persist.

If you feel unwell, seek medical advice.



SECTION 5. Firefighting measures

5.1 Extinguishing media

Use extinguishing media appropriate to the conditions. Dry chemical. Carbon dioxide (CO₂). Foam. Water Spray.

5.2 Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for firefighters

Wear suitable respiratory equipment – self-contained breathing apparatus.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.

Wear suitable protective equipment.

6.2 Environmental precautions

Do not allow product to enter drains.

6.3 Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water and 5% chlorine bleach solution, if applicable (serum diluent spillage).

SECTION 7. Handling and Storage

7.1 Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

Handle as if capable of transmitting a disease.

7.2 Conditions for safe storage, including any incompatibilities

2-8 °C.

Keep container tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters – Exposure limit values

Sulfuric acid...% (mist)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : 0.05
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
	WEL 8-hr mg/m ³ total inhalable dust: -	WEL 15 min limit mg/m ³ total inhalable dust: -
	WEL 8-hr mg/m ³ total respirable dust: -	WEL 15-min limit mg/m ³ total respirable dust: -

8.2 Exposure controls

Appropriate engineering controls	Ensure adequate ventilation of the working area.
Individual protection measures	Wear protective clothing. Handle as if potentially infectious.
Eye/face protection	Face shield, safety goggles.
Skin protection – hands	Wear suitable gloves.
Respiratory protection	Use in a well-ventilated area.
Environmental exposure controls	Do not eat, drink, or smoke in areas where this product is used or stored.



SECTION 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

	Conjugate	High pos. ctrl	Calibrator	Neg. ctrl	Low pos. ctrl	Serum diluent	Wash buffer	Substrate	Stop
Appearance	Liquid					Aqueous solution			
Color	Off-white					Yellow	Blue	Clear	Colorless
Initial boiling point	N/A							100 °C	

SECTION 10. Stability and Reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Conditions to avoid

Heat, sparks, and open flames.

SECTION 11. Toxicology Information

11.1 Toxicological information

Sulfuric acid...%	Inhalation Rat LC50/2 h: 510	Oral Rat LD50: 2140
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When used and handled according to the specifications, the solution does not have a toxicological effect.

11.2 Other information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12. Ecological Information

12.1 Toxicity

Sulfuric acid...%	Fish LC50/96h: 42.000 mg/l
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12.2 Mobility in soil

When released into soil, sulfuric acid may leach into groundwater.

12.3 Further information

No known adverse environmental effects.

SECTION 13. Disposal Considerations

General information

Dispose of in compliance with all local and national regulations.

Do NOT reuse empty containers.

SECTION 14. Transport Information

The product is not classified as dangerous for carriage.

SECTION 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.


REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.


Further information
 This MSDS is prepared according to 29 CFR 1910.1200.

SECTION 16. Other information

The information supplied in this Material Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

ISO 13485
ISO 9001



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