



## Caspase-1 (mouse) ELISA Kit

Revision 3

Revision date 2015-06-18

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	Caspase-1 (mouse) ELISA Kit
Product code	IB99502

#### 1.3. Details of the supplier of the safety data sheet

Company	Immuno-Biological Laboratories, Inc. (IBL-America)
Address	8201 Central Avenue NE, Suite P Minneapolis, MN 55432 USA
Web	www.ibl-america.com
Telephone	(888) 523-1246
Fax	(763) 780-2988
Email	info@ibl-america.com

#### 1.4. Emergency telephone number

Emergency telephone number	In the event of a medical emergency, please dial 911.
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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#### 2.2. Label elements

Risk phrases	No Significant Hazard
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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### 67/548/EEC / 1999/45/EC

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

##### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sulphuric acid...% (Sulphuric acid (mist))	016-020-00-8	7664-93-9	231-639-5		1 - 10%	Skin Corr. 1A: H314;	

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek
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## 4.1. Description of first aid measures

Eye contact	medical attention. Causes burns. Causes severe inflammation and may damage the cornea. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Foam.
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### 5.2. Special hazards arising from the substance or mixture

	Corrosive. Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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### 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.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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### 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

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


### 8.2. Exposure controls

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## 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear: Self-contained breathing apparatus.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid/Solid
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## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Finely powdered metals.
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## 10.4. Conditions to avoid

	Strong bases.
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## 10.6. Hazardous decomposition products

	Sulphur oxides.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity	Irritating to eyes, respiratory system and skin. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. May cause severe internal injury. Inhalation may cause coughing and shortness of breath.
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## SECTION 12: Ecological information

## Further information

	The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.
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## SECTION 13: Disposal considerations

## General information

	Dispose of in compliance with all local and national regulations.
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## SECTION 14: Transport information

## 14.1. UN number

	The product is not classified as dangerous for carriage.
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## 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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## 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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## 14.4. Packing group

	The product is not classified as dangerous for carriage.
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## 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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## 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

## SECTION 16: Other information

### Other information

Revision	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>2 - 2.1. Classification of the substance or mixture.</li> <li>2 - 2.1.2. Classification - EC 1272/2008.</li> <li>2 - Hazard pictograms.</li> <li>2 - Signal Word.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Storage.</li> <li>15 - Labelling.</li> <li>15 - Risk phrases.</li> </ul>
Text of risk phrases in Section 3	R35 - Causes severe burns.
Text of Hazard Statements in Section 3	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

### Further information

	<p>The information supplied in this 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.</p>
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