

*SHANGHAI Yehua Biological Technology CO., LTD.*  
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## MATERIAL SAFETY DATA SHEET

### 1.Chemical Product and Company Identification

**Name:** ELISA TEST KIT

**For emergencies, call:**

- 0086 (21) 61537010

### 2.Composition Information

1	Standard solution	0.5ml	7	Chromogen solution A	6ml
2	Standard dilution	3ml	8	Chromogen solution B	6ml
3	Coated ELISA plate	12-well * 8 tubes	9	Stop solution	6ml
4	Streptavidin-HRP	6ml	10	Instruction	1
5	Washing concentrate (30X)	20ml	11	Seal plate membrane	2

### 3. Hazards Identification

None of the Hazardous reagents are present in an amount that qualifies the products as hazardous according to Directive 67/548/EC.However, ingestion or exposure to large amounts can potentially be hazardous. 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 approved safety glasses, gloves and protective clothing. Direct physical contact with all components in this product should be avoided.

Known Hazardous Components can be contained in the Elisa kits, usually at small concentration such as:

Tetramethylbenzidine	CAS Number 64285-73-0	Amount 750ppm
Sodium Azid	CAS Number 26628-22-8	Amount 0.02%
HCl	CAS Number 7647-01-0	Amount 1M

### 4. First Aid Measure

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

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at least 15minutes.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 amount of water for at least 15 minutes. Check for and remove contact lenses. Assure adequate flushing by separating the eyelids Call a physician.

If medicine attention is required, provide product label and /or MSDS.

## **5. Fire Fighting Measure**

None of the component of this kit poses 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.

## **6. Accidental Release Measures**

Ventilate area, shut off all source 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.

## **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.

## **8. Exposure Controls/Personal Protection**

Refer to Section 6 and 7.

## **9. Physical and Chemical properties**

10. Physical State: Liquid except for the coated microwells.

Color: Clear for all other liquid reagents.

Odor: None detectable.

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pH: 5-10 for all components except Stop Solution at <3(highly acidic)

Boiling Point: Not applicable.

Melting Point: Not applicable.

Flash Point: Not applicable.

Flammability: Not Flammable

Auto flammability: will not occur

Vapor Pressure: Not applicable

Relative Density: 1-10mg/ml

Water Solubility: 100% soluble

## **10. Stability and reactivity**

This product is stable until the expiration date indicated on the kit label under the specified storage conditions. There are no known reactivates with these components. Refer to the kits insert for future information.

## **11. Toxicological information**

None available

## **12. Ecological Information**

None available

## **13. Disposal Considerations**

Disposal of preparation Left: Dispose according to current regional and nation rules.

Contaminated Containers: Dispose of following current regulations.

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## **14. Transport Information**

Road/railway haulage ADR/RID: Not restricted

Sea Freight IMO (IMDG): Not restricted

Air Freight IATA (ICAO): Not restricted

UN Number: Not applicable

## **15. Regulatory Information**

Symbols of Danger: None

“R” Phrases indicating Specific Risks: R35 (for concentrated Hydrochloric Acid)  
Cause severe burns.

“S”Phrases indicating Caution: S26 (for concentrated Hydrochloric Acid) in case of  
contact with eyes, rinse immediately with plenty of water and seek medical advice.

## **16. 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. Antibody-online 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.