

Material Safety Data Sheet

Creation Date: 03-02-2017

Revision Date: 04-11-2017

1. Product and Company Identification

Product name	Colistin ELISA Kit
Product number	DEIA042
Intended Use	This test kit is used in quantitative analysis of Colistin of residue.
Company	Creative Diagnostics 45-1 Ramsey Road, Shirley, NY 11967, USA
Technical Phone #	1-631-624-4882
Fax	1-631-938-8221
E-mail address	info@creative-diagnostics.com

2. Hazards Identification

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.

Known Hazardous Components	CAS #	Amount
3,3',5,5'- Tetramethylbenzidine	64285-73-0	750 ppm
Sodium Azide	26628-22-8	0.02%
Sulfuric acid	7664-93-9	0.5%

3. Composition/Information on Ingredients

Product name	CAS #	EC No	Annex I Index Number
ELISA Test Kit for Colistin of residue.	N/A	N/A	N/A

The hazards identified with this kit are those associated with the following substances. For additional information, please refer to the individual material safety data sheet(s).

Kit Component	Specs.	Ref. No.
Enzyme conjugate: HRP-IgG.	N/A	
Sulfuric acid solution	0.5% - <5%.	
3,3',5,5'- Tetramethylbenzidine	N/A	sigma T2885
liquid substrate buffer		
ELISA dilution buffer	N/A	
ELISA wash buffer	N/A	

4. First Aid Measures

This kit is intended for laboratory use only; none of the components can be ingested by human or other animals.

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.

5. Fire Fighting Measures

None of the components of this kit pose a significant risk in case of fire. Firefighting 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 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.

7. Handling and Storage

Store at 2-8°C, do not freeze.

8. Exposure Controls / Personal Protection

Refer to Sections 6 and 7.

9. Physical & Chemical Properties

Physical State: Liquid except for the coated microwells.

Color: Clear for all other liquid reagents.

Odor: None detectable.

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: 1-10 mg/ml

Water Solubility: 100% soluble.

10. Chemical Stability & Reactivity Information

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

11. Toxicological Information

N/A

12. Ecological Information

N/A

13. Disposal Considerations

Disposal of Preparation Left: Dispose according to current regional and national rules.

Contaminated Containers: Dispose of following current regulations.

14. Transportation 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.

Please refer to the kit instruction carefully before operation.

16. Other Information

DISCLAIMER: This kit is intended for **laboratory use** only. Not for drug, household or other uses. Individuals should be trained in handling potentially biohazardous material. The contents of this MSDS should be known before use.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used as a guide. Creative Diagnostics 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.