



# Pantex

Division of Bio-Analysis, Inc.

*Providing Diagnostic Technology for a Better Tomorrow.*

## SAFETY DATA SHEET

### Section 1. Company Identification and Product Information.

Product Name:	Estradiol 17 $\beta$ -6-CMO-Horseradish Peroxidase (HRP) Enzyme Conjugate
Synonyms:	Estradiol-6-CMO-HRP, Estradiol-HRP
Product type:	In vitro Diagnostic Test Reagent
Manufacturer's Name:	Pantex
Address:	1701 Berkeley Street, Santa Monica CA 90404
Emergency Phone No.	310-828-7423
Fax No:	310 829-9032
Email:	<a href="mailto:info@pantexba.com">info@pantexba.com</a>
Revision Date:	January 12, 2021
Revision:	3

### Section 2. Composition/Information on Hazardous/Non-Hazardous Ingredients

Component	CAS no.	Concentration	Hazardous
Estradiol 17 $\beta$ -6-CMO-HRP Enzyme Conjugate	None	$\leq 18$ ug/mL	<b>No</b>
Protein containing buffered solution	None	$\leq 0.02\%$ (v/v)	No
Proclin 300	55965-84-9	$\leq 0.06\%$ (v/v)	No

### Section 3. Hazard Identification

There are no known OSHA hazards for this product.

### Section 4. First Aid Measures

<b>General Advice:</b>	In the case of accident or if you feel unwell, seek medical advice immediately
<b>Inhalation:</b>	Remove the exposed person to fresh air. If individual is not breathing, provide artificial respiration immediately and obtain medical attention.
<b>Ingestion:</b>	Wash out mouth immediately provided the person is conscious. Obtain medical attention.
<b>Skin Contact:</b>	Wash affected areas with soap and water. If pain or irritation occurs, obtain medical attention.
<b>Eye Contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Contact physician immediately.

### Section 5. Fire and Explosion Hazard Data

<b>Flash point:</b>	Not flammable or combustible
<b>Extinguishing Media:</b>	Not applicable
<b>Firefighting Procedure:</b>	Not applicable

### Section 6. Accidental Release Measures

<b>Personal precautions:</b>	Wear protective equipment.
<b>Environmental precautions:</b>	Prevent product from entering the sewerage system, surface and ground water.
<b>Methods for clean up:</b>	Wear chemical resistant gloves, eye protection, and wear NIOSH/MSHA approved breathing apparatus if required. Wipe up or absorb spill using inert absorbent and place it in a suitable waste container for proper disposal.

### Section 7. Handling and Storage

<b>Storage precautions:</b>	Store per label instructions. Avoid excessive heat.
<b>Handling:</b>	Avoid contact with skin, eyes and clothing. Use suitable protective equipment to work with this reagent following good manufacturing practices. Do not drink, smoke, or eat in the work areas. The product should be handle by skilled individuals or trained professionals. For in vitro diagnostic use only.

### Section 8. Exposure Controls/Personal Protection

<b>Respirator:</b>	None required where adequate ventilation exists.
<b>Ventilation:</b>	Use product in rooms with good ventilation.
<b>Gloves:</b>	Rubber or plastic gloves are recommended.
<b>Eye Protection:</b>	Safety glasses or goggles with side shields are recommended.
<b>Other precautions:</b>	Uniform, lab coat or disposable laboratory wear.

### Section 9. Physical and Chemical Properties

<b>Appearance:</b> Physical state (at 20 - 28 °C)	Liquid
<b>Color:</b>	Yellowish to brown
<b>Melting point/freezing point:</b>	Not determined
<b>Boiling point:</b>	Not determined
<b>Vapor Density:</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Solubility:</b>	Water soluble
<b>Flashpoint:</b>	Not applicable

## Section 10. Stability and Reactivity

<b>Chemical Stability:</b>	Stable under recommended storage conditions
<b>Polymerization:</b>	None reported
<b>Hazardous decomposition products:</b>	No dangerous decomposition products known
<b>Incompatible materials:</b>	Not determined
<b>Conditions to avoid:</b>	Excessive heat and light

## Section 11. Toxicological Information

<b>Toxicity data:</b>	No data available
<b>Carcinogenicity:</b>	No data available
<b>Systemic effect:</b>	No data available

## Section 12. Ecological Information

No data available
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## Section 13. Disposal Considerations

<b>Waste Disposal Method:</b>	Dispose in accordance with all applicable federal, state and local environmental regulations.
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## Section 14. Transport Information

<b>DOT (USA)</b>	Not dangerous goods
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## Section 15. Regulatory Information

<b>OSHA Hazards:</b>	No known OSHA hazards
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## Section 16. Other Information

The information contained herein has been compiled from data presented in various technical sources believed to be accurate. Pantex division of Bio-Analysis Inc. makes no warranties and assumes no liability in connection with the use of this information. It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary safety precautions.
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