



SAFETY DATA SHEET

Section 1. Company Identification and Product Information.

Product Name:	Unconjugated Free Estriol Saliva Sensitive ELISA
Product type:	Assay Kit
Catalog no.:	UE332-K01
Distributor's Name:	Eagle Biosciences, Inc.
Address:	20A NW Blvd, Suite 112, Nashua, NH 03063 USA
Phone No.	(617) 419-2019
Emergency Phone No.	911 (Inside US)
Email:	info@eaglebio.com
Revision Date:	October 2, 2020
Revision:	1

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

Component	Main Ingredients	Composition	Hazardous
1. Antibody Coated Wells 96 wells plate (12 x 8 strips)	Goat Anti Rabbit IgG	< 0.100 mg/mL	No
2. Concentrated Stock Estriol Calibrator 1 x 0.150 mL	Buffered Protein (BSA) Solution Estriol	99.9 % (v/v) 121,500 pg/mL	No
3. Concentrated Stock Estriol Control 1 x 0.150 mL	Buffered Protein (BSA) Solution Estriol	99.9 % (v/v) 50,000 pg/mL	No
4. Anti- Estriol Solution 1 x 6 ml	Monoclonal Rb Anti- Estriol Buffered Protein (BSA) Solution	< 0.01% (v/v) 99.9 % (v/v)	No
5. Enzyme Conjugate Concentrated (40X) 1 x 0.100 mL	Estriol Conjugated to Horseradish Peroxide Protein Diluent	< 1 ug/mL 99.9 % (v/v)	No
6. Conjugate Buffer 1 x 3.0 mL	Buffered Protein (BSA) Solution	100% (v/v)	No
7. Assay Diluent 1 x 20.0 mL	Buffered Protein (BSA) Solution	100% (v/v)	No
8. TMB Reagent 1 x 15 mL	Contain non-hazardous proprietary ingredients.	None established	No
9. Stop Solution 1 x 15 mL	Sulfuric Acid Hydrochloric Acid Distilled Water	≤ 2 % (v/v) ≤ 2% (v/v) ≤ 96% (v/v)	Yes
10. Wash Solution Concentrated (10X) 1 x 50 mL	PBS Buffer	100 % (v/v)	No

Section 3. Hazard Identification

Component	CAS No.	Content
Stop Solution (mixture)		
Sulfuric Acid	7664-93.9	≤ 2 %
Hydrochloric Acid	7647-01-0	≤ 2 %

Section 4. First Aid Measures

General Advice:	In the case of accident or if you feel unwell, seek medical advice immediately
Inhalation:	Remove the exposed person to fresh air. If individual is not breathing, provide artificial respiration immediately and obtain medical attention.
Ingestion:	Wash out mouth immediately provided the person is conscious. Obtain medical attention.
Skin Contact:	Wash affected areas with soap and water. If pain or irritation occurs, obtain medical attention.
Eye Contact:	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

Flash point:	Not applicable
Extinguishing Media:	Use water spray, carbon dioxide, or fire-retardant foams and powders.
Firefighting Procedure:	Firefighters should wear protective clothing and self-contained breathing apparatus if necessary.

Section 6. Accidental Release Measures

Personal precautions:	Wear protective equipment.
Environmental precautions:	Prevent product from entering the sewerage system, surface and ground water.
Methods for clean up:	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

Storage: Kit and unopened components: Opened components:	Store at 2 - 8 °C until expiration date. Avoid excessive heat. Opened components stability is indicated in the package insert.
Handling:	Avoid contact with skin, eyes and clothing. Use suitable protective equipment to work with these reagents following good manufacturing practices. Do not drink, smoke, or eat in the work areas. Follow the instructions stated in the package insert. Product procedure should be performed by skilled individuals or trained professionals. For research use only.

Section 8. Exposure Controls/Personal Protection

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

Section 9. Physical and Chemical Properties

Appearance: Physical state (at 20 - 28 °C)	
Liquid:	Stock Calibrator, Stock Control, Enzyme Conjugate Concentrated, Antibody, Conjugate Buffer, Assay Diluent, Wash Solution Concentrated, TMB, and Stop Solution.
Solid:	Antibody-coated Microtiter Plate
Color:	
Clear:	Stock Calibrator, Stock Control, Assay Diluent, Wash Solution Concentrated, TMB, and Stop Solution.
Straw:	Enzyme Conjugate Concentrated
Blue:	Antibody
Yellow:	Conjugate Buffer
Odor:	Stop Solution-Mild acid odor, all other reagents-Odourless
Melting point/freezing point:	Not determined
Boiling point:	Not determined
Vapor Density:	Not determined
Vapor Pressure	Not determined
Solubility:	Water soluble
Flashpoint:	Not applicable

Section 10. Stability and Reactivity

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

Section 11. Toxicological Information

Toxicity data:	No data available
Carcinogenicity:	No data available
Systemic effect:	No data available

Section 12. Ecological Information

No data available

Section 13. Disposal Considerations

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

DOT (USA)	Not dangerous goods
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Section 15. Regulatory Information

OSHA Hazards:	No known OSHA hazards
SARA Reporting Requirements:	None
TSCA:	All components in product preparations are listed on the US Toxic Substances Control Act inventory of chemicals or are exempt from listing.

Section 16. Other Information

The information contained herein has been compiled from data presented in various technical sources believed to be accurate. Eagle Biosciences, 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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