



## SAFETY DATA SHEET

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

|                     |  |
|---------------------|--|
| Product Name:       | <b>DHEA-S Saliva Sensitive ELISA</b>                     |
| Product type:       | Assay Kit  |
| Catalog no.:        | DHS32-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:              | <a href="mailto:info@eaglebio.com">info@eaglebio.com</a> |
| Revision Date:      | September 29, 2020.                                      |
| Revision:           | 1  |

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

| Component   | Main Ingredients  | Composition   | Hazardous |
|---|---|---|-----------|
| 1. Antibody Coated Wells<br>96 wells plate (12 x 8 strips)  | Goat Anti Rabbit IgG  | < 0.100 mg/mL   | No        |
| 2. DHEA-S Standards (7)<br>1 x 5 mL<br>1 x 1 mL<br>1 x 1 mL<br>1 x 1 mL<br>1 x 1 mL<br>1 x 1 mL<br>1 x 1 mL | Buffered Protein (BSA) Solution<br>DHEA-S<br>DHEA-S<br>DHEA-S<br>DHEA-S<br>DHEA-S<br>DHEA-S | 99.9 % (v/v)<br>0 ng/mL<br>0.1 ng/mL<br>0.5 ng/mL<br>1.0 ng/mL<br>3.0 ng/mL<br>10.0 ng/mL<br>30.0 ng/mL | No        |
| 3. Control Set<br>DHEA-S 1 1 x 1 mL<br>DHEA-S 2 1 x 1 mL  | Buffered Protein (BSA) Solution<br>DHEA-S<br>DHEA-S   | 100 % (v/v)<br>1 ng/mL<br>20 ng/mL  | No        |
| 4. Anti- DHEA-S Solution<br>1 x 6 ml  | Polyclonal Rabbit Anti- DHEA-S<br>Buffered Protein (BSA) Solution                           | < 0.01% (v/v)<br>99.9 % (v/v)   | No        |
| 5. Enzyme Conjugate<br>Concentrated (20X)<br>1 x 0.200 mL   | DHEA-S Conjugated to<br>Horseradish Peroxide<br>Protein Diluent                             | < 1 ug/mL<br>99.9 % (v/v)   | No        |
| 6. Conjugate Buffer<br>1 x 4 mL   | Buffered Protein (BSA) Solution   | 100% (v/v)  | No        |
| 7. TMB Reagent<br>1 x 15 mL   | Contain non-hazardous<br>proprietary ingredients.   | None<br>established   | No        |
| 8. Stop Solution<br>1 x 15 mL   | Sulfuric Acid<br>Hydrochloric Acid<br>Distilled Water                                       | ≤ 2 % (v/v)<br>≤ 2% (v/v)<br>≤ 96% (v/v)  | Yes       |
| 9. Wash Solution Concentrated<br>(10X)<br>1 x 50 mL   | PBS Buffer  | 100 % (v/v)   | No        |

### Section 3. Hazard Identification

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

### 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 applicable  |
| <b>Extinguishing Media:</b>    | Use water spray, carbon dioxide, or fire-retardant foams and powders.                             |
| <b>Firefighting Procedure:</b> | Firefighters should wear protective clothing and self-contained breathing apparatus if necessary. |

### 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:</b><br>Kit and unopened components:<br>Opened components: | Store at 2 - 8 °C until expiration date. Avoid excessive heat. Opened components stability is indicated in the package insert.   |
| <b>Handling:</b>  | 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

|                           |  |
|---------------------------|--|
| <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

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|--|---|
| <b>Appearance:</b><br>Physical state (at 20 - 28 °C) | Liquid: Calibrators, Controls, Enzyme Conjugate Concentrated, Antibody, Conjugate Buffer, Assay Diluent, Wash Solution Concentrated, TMB, and Stop Solution.<br>Solid: Antibody-coated Microtiter Plate |
| <b>Color:</b>  | Clear: Calibrators, Controls, Wash Solution Concentrated, TMB, and Stop Solution.<br>Straw: Enzyme Conjugate Concentrated<br>Blue: Antibody<br>Yellow: Conjugate Buffer                                 |
| <b>Odor:</b>   | Stop Solution-Mild acid odor, all other reagents-Odourless  |
| <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 |
|------------------|---------------------|

## Section 15. Regulatory Information

|                                     |   |
|-------------------------------------|---|
| <b>OSHA Hazards:</b>                | No known OSHA hazards   |
| <b>SARA Reporting Requirements:</b> | None  |
| <b>TSCA:</b>                        | 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

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| 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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