

Safety Data Sheet (SDS) for Sudan virus (SUDV) soluble glycoprotein (sGP) ELISA Kit

1 - Identification of the substance / preparation and of the company

Product name SUDAN sGP ELISA Kit
Supplier identification Integrated Biotherapeutics, LLC
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 USA
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2 – Hazards identification

Classification of Product There is no hazard profile available for **SUDAN sGP ELISA Kit**. Please use general precautions when handling this product.

OSHA Hazards None
Identified Target Organs
 None Identified

Hazard Statements Causes skin irritation
 Causes eye irritation

HMIS Classification
Health Hazard: 0
Flammability: 1
Physical Hazards: 0
NFPA Rating
Health Hazard: 0
Fire: 1
Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if adsorbed through skin. May cause skin irritation.
Eyes May cause eye irritation
Ingestion May be harmful if swallowed.

3 – Composition/information on hazardous ingredients

| Component | Chemical name | % Conc. | CAS# | EC# |
|--------------------|----------------------------|---------------|------------|----------|
| Capture Antibody | Anti-SUDV sGP | 0.5-5.0 mg/mL | None | None |
| Standard | SUDV sGP | 0.5-5.0 mg/mL | None | None |
| Secondary Antibody | Anti-SUDV GP | 0.5-5.0 mg/mL | None | None |
| Detection Reagent | Streptavidin | 0.5-5.0 mg/mL | None | None |
| Substrate | TetraMethylBenzidine (TMB) | | 54827-17-7 | C16H20N2 |

4 - First aid measures

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| Eye contact | In case of eye contact, flush with copious amounts of water for at least 15 minutes. Seek medical attention if irritation occurs. |
| Skin contact | In case of skin contact, flush with copious amounts of water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention if necessary. |
| Inhalation | If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if necessary. |
| Ingestion | If swallowed, wash out mouth with water. Consult a physician. |

5 – Fire-fighting measures

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| Suitable extinguishing media | Suitable: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide |
| Special risks | Hazardous decomposition products formed under fire conditions (carbon oxides). |
| Special Protective Equipment | Wear self-contained breathing apparatus for firefighting if necessary. |

6 - Accidental release measures

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| Personal precautions | Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. |
| Environmental precautions | Do not let product enter drains. |
| Disposal | Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. |

7 - Handling and storage

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| Handling | Avoid inhalation. Avoid contact with skin and eyes. |
| Storage | Keep container tightly closed in a dry and well-ventilated place. Hygroscopic. |
| Special requirements | |

8 - Exposure controls / personal protection

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| Respiratory protection | Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. |
| Hand protection | Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. |
| Eye protection | Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). |
| Other precautions | Wash contaminated clothing before reuse. Wash thoroughly after handling. |

9 - Physical and chemical properties

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| Form | Frozen or Semi-Frozen Reagents in a Cardboard Box with Foam Insert |
| Color | Colorless Liquid (each Reagent) |

10 - Stability and reactivity

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| Stability | Stable under normal storage and handling conditions. |
| Hazardous decomposition products | Under fire conditions – carbon oxides. No data available on other decomposition products. |

11 - Toxicological information

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| Skin contact | May cause skin irritation. |
| Eye contact | May cause eye irritation. |
| Inhalation | May cause irritation |
| Ingestion | Harmful if swallowed. |

12 - Ecological information

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|---------------------------------|-------------------|
| Ecotoxicological effects | No data available |
| Other | |

13 - Disposal considerations

SUBSTANCE DISPOSAL: Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

14 - Transport information

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|----------------|--|
| ADR/RID | Not classed as dangerous in the meaning of transport regulations |
| IMDG | Not dangerous goods |
| IATA | Not dangerous goods |

15 - Regulatory information

OSHA Hazards

Target Organ Effect

United States Regulatory Information

Sara Listed: No

16 - Other information

| | |
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| Key/Legend | ADR/RID = European Agreement of Dangerous Goods by Road/Rail; CAS# = Chemical Abstract Service number; EC# = EC number (EINECS or ELINCS); EEC = European Economic Community; EU = European Union; IATA = International Air Transport Association NA = Non-applicable |
| SDS revised | May 5, 2020 |

Disclaimer: The information contained in this Safety Data Sheet is believed to be accurate but it is the responsibility of the user or supplier to determine the applicability of these data to the formulation of necessary safety precautions.

Integrated Biotherapeutics, Inc shall not be held responsible for any damage resulting from the use of the above product or the information contained in this safety data sheet.