

Beta Hexosaminidase Activity Assay Kit
Section 1: Identification of the substance/ mixture and of the company/ undertaking
1.1 Product identifiers

Product name: Beta Hexosaminidase Activity Assay
Product number: TBS2105

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Laboratory research reagents

1.3 Details of the Supplier of the Safety Data Sheet

Company: Tribioscience
 365 San Aleso Ave
 Sunnyvale, CA 94085

Phone: 408-498-0197

Email: order@tribioscience.com

Section 2: Hazards identification
2.1 Classification of the substance or mixture

This product contains no known hazardous component.

2.2 Hazards not otherwise classified (HNOC) or not covered by GHS: None

Section 3: Composition/ information on ingredients
3.1

Component	100 Rxns	200 Rxns
Substrate	10 mL	20 mL
Standard (10mM)	1 mL	2 mL
NAG Positive Control	50 µL	100 µL
Stop Reagent	12 mL	24 mL
Assay Buffer	12 mL	24 mL

Section 4: First aid measures
4.1 Description of first aid measures:
General advice:

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact:

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed:

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed: None

4.3 Indication of any immediate medical attention and special treatment needed: No data available

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable extinguishing media: For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture: None.

5.3 Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information: No data available.

Section 6. Accidental Release Measures

6.1 Protective precautions, protective equipment, and emergency procedures: Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. For personal protection see section 8.

6.2 Environmental precautions: Do not let product enter drains.
6.3 Methods and material for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections: For disposal see section 13.

Section 7. Handling and Storage

7.1 Precautions for safe handling: For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s): Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8. Exposure Controls/Personal Protection

8.1 Control parameters
Components with workplace control parameters: Contains no substances with occupational exposure limit values.

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8.2 Exposure controls	
Appropriate engineering controls:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
8.3 Personal protection equipment	
Eye/face 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).
Skin 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.
Body protection:	Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
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. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure:	Do not let product enter drains.

Section 9. Physical and Chemical Properties
9.1 Information on basic physical and chemical properties

Appearance:	Form: liquid
Odor:	No data available.
Odor threshold:	No data available.
pH:	No data available.
Melting point/ freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.

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Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/ lower flammability or explosive limits:	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Water solubility:	No data available.
Partition coefficient: n-octanol/ water	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.
9.2 Other safety information:	No data available.

Section 10. Stability and Reactivity

10.1 Reactivity:	No data available.
10.2 Chemical stability:	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions:	No data available.
10.4 Conditions to avoid:	No data available.
10.5 Incompatible materials:	No data available.
10.6 Decomposition products:	No data available.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects	
Acute toxicity:	No data available.
Inhalation:	No data available.
Dermal:	No data available.
Skin corrosion/ irritation:	No data available.
Serious eye damage/ eye irritation:	No data available.
Respiratory or skin sensitization:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.

Section 12. Ecological Information

12.1 Toxicity:	No data available.
12.2 Persistence and degradability:	No data available.
12.3 Bio accumulative potential:	No data available.
12.4 Mobility in soil:	No data available.
12.5 Results of PBT and vPvB assessment:	No data available.
12.6 Other adverse effects:	No data available.

Section 13. Disposal Considerations

13.1 Waste treatment methods	
Product:	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging:	Dispose of as unused product.

Section 14. Transport Information

14.1 DOT (US):	Not dangerous goods.
IMDG:	Not dangerous goods.
IATA:	Not dangerous goods.

Section 15. Regulatory Information

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Section 16. Other Information

Date of preparation: 11/13/2020