



ReadySetGo Biotin/Streptavidin-Fluor Antibody Labeling & Detection Kit

MATERIAL SAFETY DATA SHEET

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1: Product Identifier

Product Name: ReadySetGo Biotin/Streptavidin-Fluor Antibody Labeling & Detection Kit
Catalog No.: RSGO490-002/CL490; RSGO550-002/CL550; RSGO594-002/CL594;
RSGO650-002/CL650
Kit Components : Biotin-labeling Kit

Chemical Name
Component A: Biotin-PEG4-NHS ester
Component B: Reaction buffer
Component C: Quench buffer

1.2: Product Uses

For Research Use Only. Not intended for human or animal diagnostic products.

1.3: Company/undertaking Identification

Cell IDx, Inc.
6197 Cornerstone Court E, Ste 102
San Diego, CA 92121
858.452.5800

Section 2: Hazardous Identification

2.1: Classification of the substance or material

GHS-US classification

2.2: Label Elements

GHS-US labeling
No label applicable

2.3: Other Hazards

No additional information available

2.4: Principle Routes of Exposure/Potential Health Effects

May cause eye irritation with susceptible persons.

Section 3: Composition/information on ingredients

Chemical Name	CAS#	EINECS#	Appearance	Water Solubility
Component A: Biotin-PEG4-NHS ester	459426-22-3		Oily solid	Moderate
Component B: Reaction buffer			Liquid	High
Component C: Quench buffer			Liquid	High



This product contains no substances which at their given concentration are considered to be hazardous to health.

Section 4: First Aid Measures

Skin contact	Rinse cautiously with water for several minutes. Immediate medical attention is not required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Most important symptoms and effects, both acute and delayed	Not Applicable
Notes to Physician	Treat symptomatically.

Section 5: Firefighting measures

Suitable extinguishing media	Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical.
Special protective equipment for firefighters	Standard procedure for chemical fires.
Specific hazards arising from the chemical	Not known

Section 6: Accidental release measures

Personal precautions	Always wear recommended Personal Protective Equipment. Use personal protection equipment.
Methods for cleaning up	Soak up with inert absorbent material.
Environmental precautions	No special environmental precautions required

Section 7: Handling and Storage

Handling	Always wear recommended Personal Protective Equipment. No special handling advices are necessary.
Storage	Keep in a dry, cool and well-ventilated place

Section 8: Exposure controls/personal protection

8.1. Control parameters
No additional information available.

8.2. Exposure controls	
Appropriate engineering controls:	Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection:	Wear suitable gloves.
Eye protection:	Safety glasses or goggles are recommended when handling product.
Skin and body protection:	Wear suitable protective clothing.

Respiratory protection:	Not normally needed. In case of insufficient ventilation wear suitable respiratory equipment.
Environmental exposure controls:	Maintain levels below Community environmental protection thresholds.
Other information:	Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Lyophilized powder
Appearance:	No information available
Color:	No information available
Odor:	No data available
Odor threshold:	No data available
pH:	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Relative evaporation rate (butylacetate=1):	No data available
Flammability (solid, gas):	Not flammable
Explosive limits:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Vapor pressure:	No data available
Relative density:	No data available
Relative vapour density at 20 °C:	No data available
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Log Kow:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available

Section 10: Stability and reactivity

Stability	Stable under normal conditions.
Materials to avoid	No dangerous reaction known under conditions of normal use.
Possibility of hazardous reactions	Hazardous reaction has not been reported
Hazardous decomposition products	None under normal use conditions.
Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None under normal processing

Section 11: Toxicological information

Acute Toxicity	No toxicology information is available.
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Principle Routes of Exposure

Potential Health Effects

Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.

Carcinogenic effects

None.

Mutagenic effects

None.

Reproductive toxicity

None.

Sensitization

None.

Section 12: Ecological information**Ecotoxicity**

Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

Mobility

No information available.

Biodegradation

Inherently biodegradable.

Bioaccumulation

Material does not bioaccumulate.

Section 13: Disposal considerations**13.1 Waste treatment
Recommendations**

This material must be disposed of in accordance with all local, state, provincial and federal regulations. The generation of waste should be avoided or minimized wherever possible.

Section 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport.

Other information

No supplementary information available

Special transport precautions

No not handle until all safety precautions have been read and understood.

Section 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Section 16: Other information

Other information:

None.



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Kit Components: StAv-fluor

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2.4: Principal Routes of Exposure/Potential Health Effects

May cause eye irritation with susceptible persons.

Section 3: Composition/information on ingredients

Chemical Name	CAS number	EINECS- number	Weight
StAv-CL490	None		100%
StAv-CL550	None		100%
StAv-CL594	None		100%
StAv-CL650	None		100%

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8.1. Control parameters

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8.2. Exposure controls

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Reproductive toxicity	None.

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Other information: None.

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