

Material Safety Data Sheet

SECTION 1. PRODUCT IDENTIFICATION

Catalog Number: CBA-307 and CBA-308
Product Name: StemTAG™ Alkaline Phosphatase Assay Kit

MANUFACTURER:

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SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Kit Components

1. Fixing Solution (Part No. C30001): One 50 mL bottle
2. StemTAG™ AP Staining Solution A (Part No. C30002): One 20 mL amber bottle — Non-Hazardous
3. StemTAG™ AP Staining Solution B (Part No. C30003): One 20 mL amber bottle — Non-Hazardous
4. StemTAG™ AP Fluorometric Substrate (Part No. 130701): One amber tube – 50 µL in DMSO
5. Cell Lysis Buffer (Part No. C30005): One bottle – 20 mL
6. Stop Solution (Part No. 130702): One bottle – 10 mL – Non-Hazardous
7. Reference Standard (Part No. 130703): One tube – 1 mL of 5 mM Sodium Fluorescein in PBS – Non-Hazardous

HAZARDOUS INGREDIENTS

Fixing Solution (Part No. C30001): One 50 mL bottle.

Formalin 10%

StemTAG™ AP Fluorometric Substrate (Part No. 130701): One 50 mL bottle.

Dimethyl Sulfoxide 100%

Cell Lysis Buffer (Part No. C30005): One bottle – 20 mL

Triton X-100 0.5%

SECTION 3. WASTE DISPOSAL

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

SECTION 4. FIRST-AID MEASURES

- IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
- IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN.
- IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

SECTION 5. SAFETY HANDLING PROCEDURES

- Should be handled by trained personnel observing good laboratory practices.
- Avoid breathing vapor.
- Avoid skin contact or swallowing.
- May cause allergic reaction in sensitized individuals.

SECTION 6. ACCIDENTAL RELEASE MEASURES

EVACUATE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide for experienced personnel. Cell Biolabs, Inc. shall not be held liable for any damage resulting from the handling or from contact with the above product(s).