

Material Safety Data Sheet

SECTION 1. PRODUCT IDENTIFICATION

Catalog Number: STA-416 or STA-416-5
Product Name: 96-well ROCK Activity Assay Kit

MANUFACTURER:

Cell Biolabs, Inc.
7758 Arjons Drive
San Diego, CA 92126

EMERGENCY CONTACT:

+1 858 271 6500
info@cellbiolabs.com

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Kit Components

1. ROCK Substrate Coated Plate (Part No 241601): One strip well 96-well plate precoated with recombinant MYPT1 – Non-Hazardous
2. 10X Kinase Buffer (Part No. 241602): One bottle – 20 mL of 250 mM Tris, pH 7.5, 100 mM MgCl₂, 50 mM Glycerol-2-Phosphate, 1 mM Na₃VO₄ – Non-Hazardous
3. ATP Solution (Part No. 241503): One vial – 400 µL of 10 mM ATP – Non-Hazardous
4. Anti-phospho-MYPT1 (Thr⁶⁹⁶) (Part No. 241603): One vial – 20 µL
5. Secondary Antibody, HRP Conjugate (Part No. 231003): One vial – 20 µL – Non-Hazardous
6. Assay Diluent (Part No. 310804): One 50 mL bottle.
7. 10X Wash Buffer (Part No. 310806): One 100 mL bottle.
8. Substrate Solution (Part No. 310807): One 12 mL amber bottle – Non-Hazardous
9. Stop Solution (Part. No. 310808): One 12 mL bottle.
10. Active ROCK-II (Part No. 241505): One vial – 20 µL containing 10 ng active ROCK-II in 25 mM Tris, pH 7.5, 10 mM MgCl₂, 5 mM Glycerol-2-Phosphate, 0.1 mM Na₃VO₄, 10% Glycerol, 0.1% BSA – Non-Hazardous

HAZARDOUS INGREDIENTS

Anti-phospho-MYPT1 (Thr⁶⁹⁶) (Part No. 241603): One vial – 20 µL

Sodium Azide 0.025 %

10X Wash Buffer (Part No. 310806): One 100 mL bottle

Thimerosal 0.02%

Assay Diluent (Part No. 310804): One 50 mL bottle.

Thimerosal 0.02%

Stop Solution (Part No. 310808): One 12 mL bottle

Sulfuric Acid 0.5 N

SECTION 3. WASTE DISPOSAL

For small quantities: Cautiously add to a large stirred excess of water. Adjust the pH to neutral. Flush the aqueous solutions down the drain with plenty of water.

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. ABSORB WITH SAND OR VERMICULITE, 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).