

## Material Safety Data Sheet

### SECTION 1. PRODUCT IDENTIFICATION

Catalog Number: CBA-201  
Product Name: Collagen-Based Contraction Assay

**MANUFACTURER:**

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### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Kit Components

1. Collagen Solution (Part No. 20101): One bottle – 10 mL of sterile bovine Type I Collagen at 3.0 mg/mL – Non-Hazardous
2. Neutralization Solution (Part No. 20102): One tube – 1.0 mL
3. 5X DMEM Medium (Part No. 20103): One bottle – 5.0 mL – Non-Hazardous
4. 5X PBS (Part No. 20104): One bottle – 5.0 mL – Non-Hazardous
5. 100X Cell Contraction Inhibitor (Part No. 20105): One tube – 1 mL of 1M 2, 3-Butanedione Monoxime (BDM) in DMSO – Non-Hazardous

#### HAZARDOUS INGREDIENTS

Neutralization Solution (Part No. 20102): One tube – 1.0 mL  
**NaOH**                      **0.3 to 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).