

## Material Safety Data Sheet

### SECTION 1. PRODUCT IDENTIFICATION

Catalog Number: VPK-108-H  
Product Name: QuickTiter™ HIV Lentivirus Quantitation Kit (HIV p24 ELISA)

**MANUFACTURER:**

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### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### Kit Components

1. Anti-p24 Antibody Coated Plate (Part No. 310801): one strip well 96-well plate – Non-Hazardous
2. FITC-Conjugated Anti-p24 Monoclonal Antibody (Part No. 310810): One 20 µL vial
3. HRP-Conjugated Anti-FITC Monoclonal Antibody (Part No. 310811): One 20 µL vial – Non-Hazardous
4. Assay Diluent (Part No. 310804): One 50 mL bottle
5. Triton X-100 Solution (Part No. 310805): One 15 mL bottle containing 5% Triton X-100 in TBS.
6. 10X Wash Buffer (Part No. 310806): One 100 mL bottle
7. Substrate Solution (Part No. 310807): One 12 mL amber bottle – Non-Hazardous
8. Stop Solution (Part. No. 310808): One 12 mL bottle
9. Recombinant p24 Standard (Part No. 310809): One 100 µL vial of 10 µg/mL heat inactivated recombinant HIV1 p24 antigen in TBS plus BSA – Non-Hazardous

#### HAZARDOUS INGREDIENTS

Triton X-100 Solution (Part No. 310805): One 15 mL bottle containing 5% Triton X-100 in TBS.

**Triton X-100**            **5%**

FITC-Conjugated Anti-p24 Monoclonal Antibody (Part No. 310810): One 20 µL vial.

**Sodium Azide**            **0.1 %**

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

**Thimerosal**            **0.02%**

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