



## SAFETY DATA SHEET

### SECTION 1 - SUBSTANCE IDENTITY AND COMPANY INFORMATION

**Product Name:** LiveReport™ NFκB Assay Kit

**COMPANY INFORMATION:**

490 BioTech, Inc.  
2450 E.J. Chapman Drive  
Knoxville, TN 37996

**FOR INFORMATION CALL:** 865-604-7713

**AFTER-HOURS CONTACT:** 865-604-7713

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Deoxyribonucleic acid shipped in liquid medium (a mixture of components that may include, but is not limited to: inorganic salts, vitamins, amino acids, carbohydrates and other nutrients dissolved in water).

### SECTION 3 - HAZARD IDENTIFICATION

**HMIS Rating:** Health: 0 Flammability: 0 Reactivity: 0

**NFPA Rating:** Health: 0 Flammability: 0 Reactivity: 0

This mixture has not been tested to determine the overall health hazard; therefore in accordance with 29CFR1910.1200, the data reported above pertains to the hazardous ingredients of this mixture.

### SECTION 4 - FIRST AID MEASURES

**Report to your Safety Office and Seek Medical Attention as Soon as Possible**

**Ingestion:** If person is unconscious seek emergency medical attention; never give anything by mouth to an unconscious person. If the person is conscious wash mouth out with copious amounts of water and call a physician then administer three cupfuls of water. Do not induce vomiting unless directed to do so by a physician.

**Inhalation:** If person is unconscious seek emergency medical attention, if person is conscious remove to fresh air and call a physician.

**Dermal exposure:** Immediately wash skin with copious amounts of water followed by washing with soap and copious amounts of water. Remove all contaminated clothing.

**Eye exposures:** Flush eyes with copious amounts of water for at least 15 minutes with eyelids separated and call a physician.

### SECTION 5 - FIRE FIGHTING MEASURES

**Flammability:** Data not available

**Suitable Extinguishing Media:** Water spray, carbon dioxide, dry chemical powder, Halon (where regulations permit), or appropriate foam.

**Protective Equipment:** No special measures required.

**Specific Hazard(s):** None known.



## SAFETY DATA SHEET

---

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Procedure(s) of Personal Precaution(s):** Not required.

**Methods for Cleaning Up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**Patient/Victim:** Wash with soap and water. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Do not take clothing home.

**Equipment/Environment:** Dilute with plenty of water.

**Note:** The use of additional PPE may be necessary for cleaning solutions.

### SECTION 7 - HANDLING AND STORAGE

Handle and store according to instructions on product information sheet and label. Special Requirements: Follow established laboratory procedures when handling material.

### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Use Personal Protective Equipment:** The usual precautionary measures for handling chemicals should be followed. If protective gloves are used, the selection of the glove material should be made on consideration of the penetration times, rates of diffusion and the degradation material of the gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

**Exposure Limits:** No exposure limits for this material have been established by ACGIH, NIOSH, or OSHA.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Data Not Available

### SECTION 10 - STABILITY AND REACTIVITY

Hazardous polymerization will not occur.

### SECTION 11 - TOXICOLOGICAL INFORMATION

#### Route of Exposure

**Eye Contact:** Data not available. Avoid eye contact.

**Skin Contact:** Data not available. Avoid skin contact.

**Skin Absorption:** Data not available. Avoid skin absorption.

**Inhalation:** Data not available. Avoid inhalation.

**Ingestion:** Data not available. Avoid ingestion.

**Parenteral Exposure:** Data not available. Avoid parenteral exposure.

#### Sensitization

**Skin:** Data not available

**Respiratory:** Data not available



## SAFETY DATA SHEET

---

**Target Organ(s) or System(s):** Data not available

**Signs and Symptoms of Exposure**

**Skin and Mucous Membranes:** Data not available

**Respiratory:** Data not available

**Gastrointestinal:** Data not available

**Toxicity Data:** Data not available

**Effects of Long Term or Repeated Exposure:** Data not available

**Chronic Exposure–Teratogen:** Data not available

**Chronic Exposure–Mutagen:** Data not available

**Chronic Exposure–Reproductive Hazard:** Data not available

### SECTION 12 -

### ECOLOGICAL INFORMATION

No ecological information available.

### SECTION 13 -

### DISPOSAL CONSIDERATIONS

Decontaminate all wastes before disposal (steam sterilization, chemical disinfection, and/or incineration). Dispose of in accordance with applicable regulations.

**THE INFORMATION PRESENTED IN THIS DOCUMENT IS BELIEVED TO BE CORRECT BASED UPON DATA AVAILABLE TO 490 BIOTECH. USERS SHOULD MAKE AN INDEPENDENT DECISION REGARDING THE ACCURACY OF THIS INFORMATION BASED ON THEIR NEEDS AND DATA AVAILABLE TO THEM. ALL SUBSTANCES AND MIXTURES MAY PRESENT UNKNOWN HAZARDS AND ALL NECESSARY SAFETY PRECAUTIONS SHOULD BE TAKEN. 490 BIOTECH ASSUMES NO LIABILITY RESULTING FROM USING OR COMING IN CONTACT WITH THIS SUBSTANCE.**