



## MATERIAL SAFETY DATA SHEET

Version 1.0  
Updated 05/13/2010

### Product and Contents

Product Name	FOXP3 Staining Assay Kit
Hazardous Contents	Sodium Azide, Saponin, Paraformaldehyde CAS#: 26628-22-8 (Sodium Azide) CAS#: 8047-15-2 (Saponin) CAS#: 30525-89-4 (Paraformaldehyde)

### Sodium Azide

#### Hazardous Information

**Eye:** Causes eye irritation.  
**Skin:** Causes skin irritation. May be harmful if absorbed through skin.  
**Ingestion:** May be fatal if swallowed.  
**Inhalation:** May causes respiratory tract irritation. May be harmful if inhaled.  
**Symptoms of Exposure:** Irritation

#### Handling

Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

#### Storage

Store at 4°C. Store in a tightly closed container. Light and moisture sensitive. Stable under recommended storage conditions

#### Personal Protection

Wear appropriate protective clothing. Protect the skin by handling with gloves. Protect eyes by wearing face shield and safety glasses. Wash hands immediately before and after use.

#### First Aid Measure

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Consult a physician.  
**Skin:** Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. **SPEEDY ACTION IS CRITICAL!**  
**Ingestion:** POISON material. If swallowed, get medical aid immediately. Only induce vomiting if directed to do so by medical personnel. Never give anything by mouth to an unconscious person.  
**Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. **SPEED IS ESSENTIAL, OBTAIN MEDICAL AID IMMEDIATELY.** Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.  
**Notes:** Consult a physician. Show this safety data sheet to the physician. Move away from the dangerous area.



## Saponin

### Hazardous Information

**Eye:** Causes very serious eye irritation.

**Skin:** May cause skin irritation.

**Ingestion:** May be harmful if swallowed. Call a physician

**Inhalation:** May causes serious respiratory tract irritation. Harmful if inhaled.

**Symptoms of Exposure:** Irritation, eye inflammation, redness, watering

### Handling

Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation

### Storage

Store at room temperature. Store in a tightly closed container. Light and moisture sensitive. Stable under recommended storage conditions

### Personal Protection

Wear appropriate protective clothing. Protect the skin by handling with gloves. Protect eyes by wearing face shield and safety glasses. Wash hands immediately before and after use.

### First Aid Measure

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Consult a physician.

**Skin:** Flush skin with excess amounts of water for at least 15 minutes. No known effect from skin contact.

**Ingestion:** If swallowed, get medical aid immediately. Only induce vomiting if directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. SPEED IS ESSENTIAL, OBTAIN MEDICAL AID IMMEDIATELY. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Notes:** Consult a physician. Show this safety data sheet to the physician. Move away from the dangerous area.

## Paraformaldehyde

### Hazardous Information

**Eye:** Very hazardous in case of eye contact. Causes irritation

**Skin:** Causes skin irritation. Harmful if absorbed through skin.

**Ingestion:** Harmful if swallowed. Call a physician

**Inhalation:** Causes respiratory tract irritation. Harmful if inhaled.

**Symptoms of Exposure:** Inflammation, blistering, Irritation, Blindness, watering eyes, eye redness, itchy eyes

### Handling

Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation



#### Storage

Store at 4°C. Store in a tightly closed container. Light and moisture sensitive. Stable under recommended storage conditions

#### Personal Protection

Wear appropriate protective clothing. Protect the skin by handling with gloves. Protect eyes by wearing face shield and safety glasses. Wash hands immediately before and after use.

#### First Aid Measure

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Consult a physician.

**Skin:** Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. **SPEEDY ACTION IS CRITICAL!**

**Ingestion:** POISON material. If swallowed, get medical aid immediately. Only induce vomiting if directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. **SPEED IS ESSENTIAL, OBTAIN MEDICAL AID IMMEDIATELY.** Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Notes:** Consult a physician. Show this safety data sheet to the physician. Move away from the dangerous area.