

# Product Datasheet

## Foxp3 / Transcription Factor Staining Buffer Set NBP2-266911

Unit Size: 1 Kit

Store at 4C in the dark.

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**NBP2-266911****Foxp3 / Transcription Factor Staining Buffer Set**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
<b>Storage</b>	Store at 4C in the dark.
<b>Buffer</b>	PBS (pH 7.2) with 0.1% gelatin
<b>Product Description</b>	
<b>Description</b>	Components Fixation/Permeabilization Concentrate: 30 ml. Store at 4 degrees C. Avoid agitation. Please use within expiration date indicated on the bottle. This is a 4X stock solution that must be diluted prior to use with the Fixation/Permeabilization Diluent. Dilute 1 part Concentrate with 3 parts Diluent. Caution: This solution contains formaldehyde, which is toxic and a suspected carcinogen. Contact with eyes, skin and mucous membranes should be avoided. Wear proper protective clothing and gloves. Fixation/Permeabilization Diluent: 100 ml. Store at 4 degrees C. The diluent is intended to be used in combination with the Fixation/Permeabilization Concentrate. Permeabilization Buffer (10X): 100 ml. Store at 4 degrees C. Dilute to 1X with deionized/distilled water and store at 4 degrees C. Caution: Harmful if swallowed or irritant by contact. Wear proper protective clothing and gloves. Note: The 10X Permeabilization Buffer has a natural tendency to precipitate, however, its function is not affected by this. To clarify, the solution can be filtered after dilution to 1X working solution.
<b>Specificity/Sensitivity</b>	The Foxp3/Transcription Factor Staining Buffer Set have been formulated and optimized for staining with antibodies to transcription factors and nuclear proteins, such as Foxp3 and Ki-67 as well as cytokines and chemokines.
<b>Product Application Details</b>	
<b>Application Notes</b>	Intracellular Staining Followed by Flow Cytometric Analysis



## Procedures

### MSDS (NBP2-266911)

MSDS (NBP2-266911):

Product Name: FOXP3 Flow Buffer Kit

Hazardous Contents: Saponin, Paraformaldehyde

CAS#: 8047-15-2 (Saponin)

CAS#: 30525-89-4 (Paraformaldehyde)

### 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 degrees 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.



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-  
techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

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