

Product Name: ChromataChIP Kit

Reviewed on: 15 June 2015

## 1. Identification of Substance:

- **Other means of identification: Catalog Number: NBPI-71709**  
Components: 10x Glycine, IP Dilution Buffer, IP Wash Buffer 1, IP Wash Buffer 2, IP Wash Buffer 3 (contains Deoxycholate), IP Wash Buffer 4, IP Elution Buffer, 5 M NaCl, DNA Binding Buffer, DNA Elution Buffer, DNA Wash Buffer, DNA Purification Columns, Protein A/G Magnetic Beads, Human RPL30 Prime Pair, Human AFM Primer Pair, H3 K4Me3 Positive Control Antibody, Proteinase K Stock Solution.
- **GHS product identifier:** ChromataChIP Kit
- **Application of the substance / the preparation:** For Research Use Only
  - **Manufacturer/Supplier:**  
Bio-Techne - R&D Systems Inc.  
614 McKinley Place N.E.  
Minneapolis, MN 55413 USA  
1-800-343-7475
  - **For product related questions call:** 1-800-343-7475. In Europe call: +44(0)1235-529449.
- **Emergency information:** In case of a chemical emergency, spill, leak, fire, or accident call CHEMTREC at 1-800-424-9300 (US or Canada). Outside USA and Canada: +1 703-527-3887 (collect calls accepted).

## 2. Hazard Identification:

- **Classification: Regulation (EC) No 1272/2008 [EU-GHS/CLP]:** Deoxycholate  
Acute toxicity, Oral (Category 4)  
Skin irritation (Category 2)  
Eye irritation (Category 2A)  
Specific target organ toxicity – single exposure (category 3)



**Signal Word: Warning**

- **Hazard Statements:** H302: Harmful if swallowed H315: Causes skin irritation. H319: Causes severe eye irritation. H335: May cause respiratory irritation.
- **Precautionary Statements:** P261: Avoid breathing dust/fume/gas/mist/vapors/spray. P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection. P310: Immediately call a POISON CENTER or doctor/physician.
- **Responses:**  
IF SWALLOWED: Call a Poison center or doctor/physician if you feel unwell. See specific treatment in this MSDS. Rinse mouth.  
IF ON SKIN: Wash with plenty of soap and water. See specific treatment in this MSDS. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
IF EXPOSED OR CONCERNED: Call a POISON CENTER or doctor/physician if you feel unwell.
- **Classification according to EU Directives 67/548/EEC or 1999/45/EC:** Xi: Irritant.
- **R-phrases:** R36: Irritating to eyes. R37: Irritating to respiratory system. R38: Irritating to skin.
- **S-phrases:** S22: Do not breathe dust S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39: Wear suitable protective clothing, gloves and eye/face protection. S45: In case of accident or if you feel unwell seek medical advice immediately (show label where possible).
- **Special Hazards:** Not available

Product Name: ChromataChIP Kit

Reviewed on: 15 June 2015

### 3. Information on Ingredients:

Description: Aqueous Solution

Contains	CAS No.	EC-No.	Index-No.	Content
Deoxycholate	302-95-4	206-132-7	-	1%

### 4. First Aid Measures:

- **After inhalation:** Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- **After skin contact:** Wash off with soap and plenty of water. Remove all contaminated clothes and shoes and wash before reuse. Consult a physician.
- **After eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Show this MSDS.
- **After swallowing:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a physician. Show this MSDS.
- **Most important symptoms and effects, both acute and delayed:** Unknown
- **Indication of any immediate medical attention and special treatment needed:** No data available

### 5. Fire Fighting Measures:

- **Suitable extinguishing agents:** Dry chemical, carbon dioxide, water spray or alcohol-resistant foam. Use water in flooding quantities as fog. Cool all affected containers with flooding quantities of water. Apply water from as far a distance as possible.
- **Special hazards arising from the substance or mixture:** Emits toxic fumes under fire conditions. Carbon oxides, Nitrogen oxides.
- **Protective equipment:** Wear self contained breathing apparatus and protective clothing.
- **Further information:** Use water spray to cool unopened containers.

### 6. Accidental Release Measures:

- **Personal precautions, protective equipment and emergency procedures:** Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate all personnel to safe areas.
- **Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Avoid discharge into the environment.
  - **Methods and materials for containment and cleaning up:** Contain spillage, and then collect and place in appropriate container for disposal according to local regulations. Avoid creating dust.

### 7. Handling and Storage:

- **Precautions for safe handling:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist or dust.
- **Conditions for safe storage, including incompatibilities:** Store in a cool place. Keep container tightly closed in a dry and well ventilated place.

### 8. Exposure Controls and Personal Protection:

- **Control parameters:**  
**Component:** Deoxycholate
- **Appropriate engineering controls:** Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling product.  
**Personal Protective Equipment:**

Rev 0

biotechne

Page 2 of 5

**Product Name: ChromataChIP Kit**

**Reviewed on: 15 June 2015**

**Eye and Face Protection:** Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Skin Protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Complete suit protection against chemicals the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory Protection:** Where risk assessment shows air-purifying respirators are appropriate use full-face respirator.

## 9. Physical and Chemical Properties:

- **Appearance:** Solid, beige color
- **Odor:** Not available
- **Odor threshold:** Not available
- **pH:** Not available
- **Melting point/freezing point:** 171-174°C (340-345 °F)
- **Boiling point/Boiling range:** 189° C
- **Flash point:** Not available
- **Evaporation rate:** Not available
- **Flammability (solid, gas):** Not available
- **Upper/lower flammability or explosive limits:** Not available
- **Vapor density:** Not available
- **Vapor pressure:** Not available
- **Relative density:** Not available
- **Solubility in/Miscibility with Water:** Not available
- **Partition coefficient: octanol/water:** Not available
- **Auto igniting:** Not available
- **Decomposition temperature:** Not available
- **Viscosity:** Not available

## 10. Stability and Reactivity:

- **Reactivity:** Strong oxidizers, acid, acid anhydrides.
- **Chemical Stability:** Stable under recommended storage conditions.
- **Possibility of hazardous reactions:** no data available.
- **Conditions to avoid:** Heat, flames, sources of ignition.
- **Incompatible materials:** Strong oxidizers, acid and acid anhydrides.
- **Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions Carbon oxides, Nitrogen oxides (NO<sub>x</sub>), other decomposition products.

## 11. Toxicological Information:

- **Acute toxicity:**
  - Oral LD50  
LD50 Oral – rat – 1,000 mg/kg
  
  - Inhalation LC50  
No data available
  
  - Dermal LD50  
No data available
- **Skin corrosion/irritation:**  
Not available
- **Serious eye damage/irritation:**  
Not available
- **Respiratory or skin sensitization:**  
Not available
- **Germ cell mutagenicity:** Not available

Rev 0

**bio·techne**

Page 3 of 5

bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

TEL 800 343 7475

Europe • Middle East • Africa

TEL +44 (0) 1235 529449

China

info.cn@bio-techne.com

TEL +86 (21) 52380373

Rest of World

bio-techne.com/find-us/distributors

TEL +1 612 379 2956

**Product Name: ChromataChIP Kit**

**Reviewed on: 15 June 2015**

- **Carcinogenicity:** Not available
- **Reproductive toxicity:** Not available
- **Specific target organ toxicity (STOT) -single exposure:** Not available
- **Specific target organ toxicity (STOT) -repeated exposure:** Not available
- **Aspiration hazard:** Not available
- **Information on likely routes of exposure:** Routes of entry anticipated; oral, dermal, inhalation.
- **Symptoms related to the physical, chemical and toxicological characteristics:**
  - Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation.
  - Ingestion:** Not available
  - Skin contact:** Causes skin irritation.
  - Eye contact:** Causes eye irritation.
- **Delayed and immediate effects and also chronic effects from short and long term exposure:** To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

## 12. Ecological Information:

- **Ecotoxicity:**
  - Toxicity to fish: Static test LC50 – Not available
  - Toxicity to daphnia: EC50 – Daphnia – Not available
  - Toxicity to algae: Static test EC50 – Not available
  - Toxicity to bacteria: Not available
- **Biodegradability:** Aerobic result – Not available
  - **Bioaccumulative potential:** Not available
- **Mobility in soil:** Not available
  - **Other adverse effects:** Not available

## 13. Disposal Considerations:

- **Disposal methods:** Dispose of waste in accordance to applicable national, regional, or local regulations. Contact a licensed professional waste disposal service to dispose of this material.
  - **Contaminated packaging:** Dispose in the same manner as unused product.

## 14. Transportation Information:

- **ADR/RID ADN/ADNR IMDG IATA/DOT**

<b>ADR/DOT/:</b>	<b>UN Number:</b>	Not hazardous for transportation
<b>RID</b>	<b>Proper Shipping Name:</b>	
	<b>Hazard class:</b>	
	<b>Packing group:</b>	
<b>IATA:</b>	<b>UN Number:</b>	Not hazardous for transportation
	<b>Proper Shipping Name:</b>	
	<b>Hazard class:</b>	
	<b>Packing group:</b>	
<b>IMDG:</b>	<b>UN Number:</b>	Not hazardous for transportation
	<b>Proper Shipping Name:</b>	
	<b>Hazard class:</b>	
	<b>Packing group:</b>	
	<b>Marine Pollutant:</b>	

Product Name: ChromataChIP Kit

Reviewed on: 15 June 2015

## 15. Regulations:

### US Federal and State Regulations

OSHA Hazards: Irritant

TSCA (Toxic Substances Control Act):

SARA 302 Components: No chemicals are subject to reporting requirements of SARA Title III, Section 302

SARA 313: This material does not contain any components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: Not available

CERCLA Reportable Quantity: Not available

California Proposition 65: This product does not contain any Proposition 65 chemicals.

- This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.

## 16. Other Information:

- Notice to reader:** To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.