

 <p>EXPRESS BIOTECH INTERNATIONAL (XpressBio)</p>	MSDS	
	NAME OF PRODUCT: For all Lab Animal antigens and PCR controls manufactured by XpressBio with Catalog numbers PCRPC001 to PCRPC999 and AG001 to AG999 MSDS Number: IM-600900 Page 1 of 4	Effective date: January 26, 2012 Revision 1
MATERIAL SAFETY DATA SHEET		

1-Product and Company Identification

PRODUCT NAME: Lab Animal Antigens and PCR Positive Controls
SUPPLIER:
Name: 503 Gateway Drive West
Address: Thurmont, MD 21788
USA
Phone number: (301) 228-2444
Fax number: (301) 560-6570
US toll free: 1-888-562-8914
Emergency phone number: Contact national poisons unit in your state or country.

2-Composition and Information on Ingredients

COMPONENT NAME	CAS#	CONCENTRATION (%)
Virus infected allantoic fluid, embryo cells, tissue culture cells, or cultures.		Up to 100%
Various buffers (50mM Glycine, PBS, TE Buffer).		Up to 99%
Bovine sera.		May contain up to 10%
Various Detergents (Champs, SDS).		Less than 0.2%

3-Hazard Identification

MOST IMPORTANT HAZARDS:

Adverse human health effects:

The following general hazard warnings apply to all the products.

Potential Routes of Exposure:

Target organs: Skin Contact, eye contact, accidental ingestion, inhalation.

Eye:

Excessive contact may cause eye irritation, redness, pain, burns.

Skin:

Direct or repeated contact may cause skin irritation. May be absorbed through the skin causing systemic effects (see effects for inhalation and ingestion). Dermatitis.

Inhalation:

Do not breathe vapor.

Accidental ingestion:

General –Abdominal pain. Shortness of breath. Unconsciousness. Vomiting. Sweating. Drowsiness.

Chronic Toxicity

 <p>EXPRESS BIOTECH INTERNATIONAL (XpressBio)</p>	<p style="text-align: center;">MSDS</p> <p>NAME OF PRODUCT: For all Lab Animal antigens and PCR controls manufactured by XpressBio with Catalog numbers PCRPC001 to PCRPC999 and AG001 to AG999</p> <p style="text-align: center;">MSDS Number: IM-600900</p> <p>Page 2 of 4</p>
<p>MATERIAL SAFETY DATA SHEET</p>	<p>Effective date: January 26, 2012 Revision 1</p>

Prolonged or repeated contact may cause allergic dermatitis (redness, irritation, rash), may cause sensitization.

Reproductive and Developmental Toxicity:

Not available.

Carcinogenicity:

Not available.

Environmental effects:

See section 12 – Ecological Information.

4-First-aid measures

The following general first aid measures apply to all products.

Inhalation:

Immediately move to fresh air and notify medical personnel. If not breathing give artificial respiration. If breathing difficult, give oxygen.

Skin contact:

Immediately wash thoroughly with soap and water for 15 minutes and notify medical personnel. Remove and wash contaminated clothing and shoes.

Eye contact:

Check for and remove contact lenses. Immediately flush eyes thoroughly with water for at least 15 minutes and notify medical personnel.

Ingestion:

If swallowed, wash out mouth with water and notify medical personnel. Remove and wash contaminated clothing and shoes.

5-Fire-fighting measures

The following general measures apply to all components of the products.

Extinguishing media:

Use dry chemical foam or carbon dioxide. Water may not be effective.

Specific methods of fire-fighting:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

6-Accidental release measures

Personal precautions:

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Methods of cleaning up:

Contain liquid when possible. Use non sparking tools and equipment. Absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Ventilate area and wash spill site after material pickup is complete.

 <p>EXPRESS BIOTECH INTERNATIONAL (XpressBio)</p>	<p style="text-align: center;">MSDS</p> <p>NAME OF PRODUCT:</p> <p>For all Lab Animal antigens and PCR controls manufactured by XpressBio with Catalog numbers PCRPC001 to PCRPC999 and AG001 to AG999</p> <p style="text-align: center;">MSDS Number: IM-600900</p> <p>Page 3 of 4</p>
<p>MATERIAL SAFETY DATA SHEET</p>	<p>Effective date: January 26, 2012 Revision 1</p>

Environmental precautions:

Collect spilled material, absorbent, and rinse water into suitable containers for proper disposal in accordance with applicable waste disposal regulation. Do not flush to sewers, storm drains, surface waters, or soil.

7-Handling and storage

Avoid contact with skin, eyes or clothing. Use adequate ventilation or minimize exposures to mists or aerosols. Wash thoroughly after handling. DO NOT permit contact with acids and other incompatible substances. Store at 2-8°C.

8-Exposure control / Personal protection

Occupational Exposure Limits:

There are no established exposure limits for this product. However, the following exposure limits exist for the following hazardous ingredients:

Personal Protective Equipment:

Eye and Face Protection:

Wear safety glasses with side shield, or full face shield if eye contact is likely. The choice of protection should be based on the job activity and potential for exposure to eyes and face.

Skin and body protection:

Wear gloves, lab coat, or other protective over-garment if skin contact is likely. The choice of skin protection should be based on the job activity and potential for exposure to the skin. Follow biosafety level 1 or biosafety level 2 safety practices depending on strain.

Hygiene measures:

Wash hands immediately after handling materials (especially before eating, drinking or smoking). Decontaminate or discard protective equipment after each use.

Remove personal protective equipment when leaving work area.

9-Physical and chemical properties

Liquid.

10-Stability and reactivity

The product should only be used as instructed in the certificate of analysis. See certificate of analysis for further information of product stability.

11-Toxicological information

Material is biological in nature depending on which train is purchased. Material should be handled using biosafety level 1 or biosafety level 2 practices.

12-Ecological information

If released to the environment, material is expected to biodegrade rapidly.

 <p>EXPRESS BIOTECH INTERNATIONAL (XpressBio)</p>	MSDS	
	NAME OF PRODUCT: For all Lab Animal antigens and PCR controls manufactured by XpressBio with Catalog numbers PCRPC001 to PCRPC999 and AG001 to AG999 MSDS Number: IM-600900 Page 4 of 4	Effective date: January 26, 2012 Revision 1
MATERIAL SAFETY DATA SHEET		

13-Disposal considerations

Dispose of materials in this kit according to Federal, State and Local Requirements.

14-Transport information

Land transport ARD / RID:

- ARD / RID class: Not regulated
- Danger code: Not regulated
- UN number: Not regulated
- Hazard label: Not regulated
- Description of goods: *Research Use Only products*

Inland waterways ADN / ADNR:

Not regulated

Sea IMDG:

Not regulated

Air CAO / IATA:

Not regulated

15-Regulatory information

US Classification and label Test

United States Regulatory Information

SARA Listed: No

16-Other information

Recommended use:

This product is a *Research Use Only* testing product for animal testing and should only be used according to its instructions.

Others:

The above information is based on data available to XpressBio and is believed to be correct. Since the information may be applied under conditions beyond the control of XpressBio and with which the company may be unfamiliar, XpressBio does not assume any responsibility for the results of its use and all persons receiving it shall make their own determination of the effects, properties, and protections, which pertain to their particular conditions.

No representation, warranty, or guarantee, express or implied (including a warranty of fitness or merchantability for a particular purpose), is made with respect to the material, the accuracy of this information, the results to be obtained from the use thereof, or the hazards connected with the use of the material. Caution should be used in the handling and use of the material.