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Chloramphenicol-OVA Antibody

Catalog #: CN1029 Lot #: 091017

Product Description
Chloramphenicol-lactalbumin is prepared with succinated chloramphenicol with EDC zero-length cross-linker. The conjugates could be utilized as an immobilized antigen in a competitive ELISA for quantization of free chloramphenicol using the paired antibody.

Antigen
Chloramphenicol-succinate-lactalbumin

Formulation
1000 µg/mL in PBS with 50% glycerol

Storage & Stability
For extended storage, aliquot content and store product at 4°C. Expiration date is one year from date of shipping if properly stored.

Immunogen
EDC zero-length cross-linking

Purification
G25 Sephadex

Specificity
Chloramphenicol and derivatives

Applications
ELISA (approximately 0.1 µg/mL)

Sample Data

Chloramphenicol (ng/mL)	OD450
200	0.138
50	0.184
12.5	0.346
3.125	0.566
0.781	0.781
0.195	1.005
0.049	1.167
0.0	1.665

Direct competitive ELISA (un-optimized with anti-chloramphenicol, HRP conjugates) Paired chloramphenicol antibody, lactalbumin conjugates immobilization: 0.1 µg/mL; chloramphenicol antibody HRP: 0.05 µg/mL

For in vitro research use only. Not recommended or intended for diagnosis of diseases in humans or animals. Do not use in humans or in animals.

MATERIAL SAFETY DATA SHEET

Article 1 - Product Identification and Use

Product Name: Chloramphenicol-OVA Antibody **Catalog #: CN1029**

This product is sold only for research use by qualified laboratory personnel, and is not to be used as a drug, medical device, food additive, cosmetic, nor household chemical. It is not to be used in diagnostic, therapeutic, consumer, agricultural, nor pesticidal applications.

Manufacturer's Name:	ImmuneChem Pharmaceuticals Inc.
Street Address:	*#253-5489 Byrne Road*
City, Prov. Postal Code:	*Burnaby, BC, V5J 3J1*
Fax:	604-431-6425
EMERGENCY PHONE:	604-453-0169

Article 2 - Hazardous Ingredients

NOT AVAILABLE. We are not aware of any hazards associated with this product or its ingredients, but the chemical, physical, and toxicological properties of this product have not been investigated thoroughly. Observe normal laboratory precautions.

Article 3 - Physical Data

Transparent liquid.

Article 4 - Fire and Explosion Hazard

NOT APPLICABLE

Article 5 - Reactivity Data

- Chemical Stability: Stable under recommended storage conditions.
- Conditions to avoid: Light.
- Materials to Avoid: Strong oxidizing agents.
- Hazardous Products: Formed under fire conditions – Carbon oxides, Hydrogen bromide gas.

Article 6 – Toxicologically Data

May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties of this product have not been investigated thoroughly. Exercise due caution.

Article 7 - Preventative Measures

Wear chemical safety goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

*****MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES*****

- Wear protective equipment.
- Absorb on sand or vermiculite and place in closed containers for disposal.
- Observe all federal, state and local environmental regulations.

Article 8 - First Aid Measures

- If swallowed, wash out mouth with water, provided person is conscious. Call a physician.
- In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If a rash or other irritation develops, call a physician.
- If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
- In case of eye contact, flush with copious amounts of water for at least 15 minutes while separating the eyelids with fingers. Call a physician.

Article 9 - Preparation

Prepared By: Hao Xiao Phone #: 1-604-431-6425

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. ImmuneChem shall not be held liable for any damage resulting from handling or from contact with the above product. See the Technical Specification, Packing Slip, Invoice, and Product Catalogue for additional terms and conditions of sale.