

Amplifying Antibody

Dilution Buffer

Catalog# SKC-902

Size: 500mL

PO Box 30244, Suite 405,
3989 Quadra Street,
Victoria, BC V8X 5E1, Canada

This product is for *in vitro* research use only and is not intended for use in humans or animals

StressMarq

Biosciences Inc.

Orders • sales@stressmarq.com

Tel: • +1 250 294 9065

Fax: • +1 250 294 9025

Email • info@stressmarq.com

Web • www.stressmarq.com

Product	Tris-HCl 1x Buffer containing stabilizing proteins
Application	This product is intended for the dilution of primary and secondary antibodies in IHC, IF, and similar mammalian tissue based techniques.
Storage and stability	2-8°C (Do NOT freeze); 1 year+; shipped on cold packs or ambient

Directions for use

This buffer is specifically designed to be used with the Antibody Amplifier™, Antibody Amplifier Eclipse™, both of which utilize the patent-pending immunohistochemistry method. Both primary and secondary antibodies used in immunohistochemistry and immunofluorescence are diluted in Amplifying Antibody Buffer™ at desired concentration and applied to each sample at a minimum volume of 2.5 mls per sample. This buffer also contains suitable blocking ingredients for IHC. After antibody incubation, the Amplifying Antibody Buffer™ can be frozen and reused up to 4X without loss of efficacy.

Precautions

For professional users.

1. Follow storage conditions as to minimize the possibility of microbial contamination of reagents.
2. As with any product originating from biological sources, proper handling procedures should be used.
3. Wear appropriate protective equipment to avoid contact with eyes and skin.

Notes

This product does not contain sodium azide. Sodium azide inhibits key enzymes involved in IHC technology such as peroxidases. This quenching can cause the occurrence of false negative results. This product does contain a broad-spectrum biocide (5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one) with antimicrobial activity toward bacteria, yeast and fungi. Quality control testing has indicated no decrease in antibody efficacy as a result of this particular antimicrobial.

Material Safety Data Sheet

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The below information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. StressMarq 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.

Hazardous Ingredients

The physical, chemical and toxicological properties of these components have not been fully investigated. It is recommended that all laboratory personnel follow standard laboratory safety procedures when handling this product. Safety procedures should include wearing OSHA approved safety glasses, gloves and protective clothing. Direct physical contact with this product should be avoided.

<u>Known Hazardous Components</u>	<u>CAS Number</u>	<u>Concentration</u>
Kathon	96118-96-6	6ppm

Physical Data

This product consists of a tris-HCl buffer containing stabilizing proteins shipped on gel packs. The physical properties of this product have not been investigated thoroughly.

Fire and Explosion Hazard and Reactivity Data

NOT APPLICABLE

Toxicological Properties

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

Preventative Measures

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

Spill and Leak Procedures

Observe all federal, state and local environmental regulations.

- Wear protective equipment.
- Absorb on sand or vermiculite and place in closed containers for disposal.
- Dispose or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

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.

Authorized: StressMarq Biosciences Inc.
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