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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Technically
Speaking

CEDARLANE[®] 
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Conveniently Delivering You Today's Innovations
for the Science of Tomorrow™

LOW-TOX[®]-H RABBIT COMPLEMENT

CE

CL3305: 5 ml, frozen
CL3310: 100 ml, frozen
CL3350: 500 ml, frozen

CL3331: 1 ml, lyophilized
CL3335: 5 ml, lyophilized

Intended Use:

It is intended for use as a source of complement for various lymphocytotoxicity assays, particularly those that utilize cells sensitive to lysis by pooled normal rabbit serum.

Formulation:

Low-Tox[®]-H Rabbit Complement is derived from a pool of normal rabbit serum that has been processed for low toxicity to human peripheral blood B-lymphocytes. It contains no other additives or preservatives.

Warnings and Precautionary statements:

Product is to be used by laboratory-trained or tissue typing-trained staff. Disposal is in accordance with local regulations.

Standard rabbit complement contains material of animal origin and should be handled as a potential carrier and transmitter of disease.

For In Vitro Diagnostic Use

Frozen Complement:

Thaw the complement by incubating in an ice bath. Do not subject complement to temperatures above 4°C. Use within one hour of thawing. If complement is to be aliquoted and refrozen, aliquot immediately into single use quantities and freeze quickly at -70°C. Store at -70°C until use. Do not refreeze. Aliquots should be dated, and activity checked every 4-6 weeks. Discard aliquots if not fully active at ½ dilution.

Lyophilized Complement:

Reconstitute with 1 ml or 5 ml of ice cold distilled water. Gently agitate to ensure that all lyophilized material is dissolved. Keep reconstituted material on ice at all times and use within one hour of reconstitution. Storage of the reconstituted serum for longer periods at 4°C or freezing and thawing of the reconstituted material will result in reduced potency.

NOTE: This material will appear cloudy after reconstitution. The cloudy appearance is a result of the lyophilization process, and does not affect potency.

Storage and Stability: Use before printed expiration date.

FROZEN: Store at -70°C.

LYOPHILIZED: Store at -20°C before reconstitution. After reconstitution, store at 4°C for a maximum of **one hour**.

Continued Overleaf....

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Sterility:

This reagent is not sold as sterile but can be sterilized by filtration if necessary. It is preferable to dilute the complement to a final working concentration prior to filtration in order to minimize loss of volume.

Usage:

This material has been tested for potency in the standard microlymphocytotoxicity assay utilizing anti-human B-cell antiserum and human peripheral B-lymphocytes. Each lot of Low-Tox[®]-H has been selected for high activity and low toxicity even when subjected to an extended incubation period. Testing methods are available on request.

It is recommended that each investigator determine appropriate dilutions for individual use.

Performance:

Cytotoxic Titer: 1:8 - 1:16 dilution of Low-Tox[®]-H rabbit complement*
B-cell Toxicity: <20% at neat dilution of Low-Tox[®]-H rabbit complement

*Tested in a microlymphocytotoxicity assay, using an anti-human B-cell antiserum at a dilution of 1/4 on human peripheral B-lymphocytes.

Characterization:

To ensure consistent high-quality reagents, each batch of Low-Tox[®]-H rabbit complement is tested to ensure high activity with low inherent toxicity for complement dependent assays relative to a control batch.

References:

1. NIAID Manual of Tissue Typing Techniques 1979-1980, Edited by J.G. Ray, NIH Publication No. NIH-83-545.
2. ASHI Laboratory Manual, 4th ed, Volume I. 2000. Edited by A.B. Hahn; G.A. Land and R.M. Strothman. Published by the American Society for Histocompatibility and Immunogenetics.

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