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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

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SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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Conveniently Delivering You Today's Innovations
for the Science of Tomorrow™

STANDARD RABBIT COMPLEMENT
(Pooled Normal Rabbit Serum)

CE

CL3001: 1ml, frozen
CL3002: 2 ml, frozen
CL3005: 5x5ml, frozen
CL3010-10: 10 ml, frozen

CL3010: 100 ml, frozen
CL3025: 250 ml, frozen
CL3050: 500 ml, frozen
CL3111: 25x1 ml, lyophilized

CL3112: 10x2 ml, lyophilized
CL3113: 10x3 ml, lyophilized
CL3115: 5x5 ml, lyophilized
CL3120: 5x20 ml, lyophilized

Intended Use:

It is intended for use as a source of complement for any of the standard lymphocytotoxicity procedures utilizing human peripheral blood lymphocytes (PBL's).

Formulation:

Standard Rabbit Complement is derived from a pool of normal rabbit serum. 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 ice cold distilled water. Gently agitate to ensure that all lyophilized material is dissolved. Use within one hour of reconstitution. Keep reconstituted material on ice at all times. 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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4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020
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e-mail: service@cedarlanelabs.com

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 before filtration in order to minimize loss of volume.

Usage:

This Rabbit Complement has been tested in a microlymphocytotoxicity assay utilizing anti-HLA antiserum and human lymphocytes. It was found to be a potent source of complement and to possess minimal non-specific lymphocytotoxins.

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

Performance:

Cytotoxic Titer: 1:4 - 1:8 dilution of standard rabbit complement*
Toxicity: <20% at neat dilution of standard rabbit complement

*Tested in a microlymphocytotoxicity assay, using an anti-HLA-A2 antiserum at a dilution of 1/4 on human PBLs purified using Lympholyte[®]-H cell separation media.

Characterization:

To ensure consistent high-quality reagents, each batch of standard rabbit complement is tested for conformance, to ensure that it is a sufficient source of rabbit complement 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.



Cedarlane Corporation
4410 Paletta Court
Burlington, Ontario, Canada
L7L 5R2
Phone: 289-288-0001
Fax: 289-288-0020
E-mail: diagnostics@cedarlanedx.com
Web: www.cedarlanelabs.com

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Emergo Europe
Prinsessegracht 20
2514 AP, The Hague
The Netherlands