

Control set of the C3a Des**Arg [¹²⁵I] RIA KIT**

(REF: RK-518Cset)

For Research Use Only. Not for use in diagnostic procedures.**Intended use**

This is a supplementary set of the [¹²⁵I]C3a Des Arg RIA KIT to monitor the validity of sample results and the precision of laboratory testing procedures.

Contents of the set

3 vials: CONTROL1, 2 and 3.

0.5 ml, ready to use after thawing, containing human C3a des Arg at three levels in buffer with 0.01% sodium azide.

Store at -15°C to -30°C.

Package insert

Preparation of controls, storage

Storage: *see Contents of the set.* At these temperatures each control is stable until expiry date. The actual expiry date is given on the package label and on the vial labels.

Note: Controls may be subjected to a maximum of two freeze-thaw cycles after initial use.

CAUTION!

Equilibrate controls to room temperature prior to use.

Controls should be given a brief gentle mix only.

Procedure, calculation of results

Control samples should be handled in the same way as the standards in the [¹²⁵I]C3a Des Arg RIA KIT (RK-518), according to the assay procedure.

The calculation of control results correspond with the calculation of sample results as described in the package insert of the [¹²⁵I]C3a Des Arg RIA KIT (RK-518).

Please, consult with that insert.

Reference ranges

Control1 (code: RK-518C1 lot: 90799):

1.7 - 3.3 ng/tube

Control2 (code: RK-518C2, lot: 90800):

4.3 – 8.1 ng/tube

Control3 (code: RK-518C3, lot: 90801):

9.2 – 17.1 ng/tube

The ranges are valid only for the determinations with the [¹²⁵I]C3a Des Arg RIA system (code: RK-518).

Components from various lots or from kits of different manufacturers should not be mixed or interchanged.

Additional information**Precautions****Biohazard**

Human blood products used in the set have been obtained from healthy human donors. They were tested individually by using approved methods (EIA, enzyme immunoassay), and were found to be negative, for the presence of both Human Immunodeficiency Virus antibody (Anti-HIV-1) and Hepatitis B surface Antigen (HBsAg). Even if the subject has been tested, no method can offer complete assurance that Hepatitis B Virus, Human Immunodeficiency Virus (HIV-1), or other infectious agents are absent.

Chemical hazard

Components contain sodium azide as an antimicrobial agent. Dispose of waste by flushing with copious amount of water to avoid build-up of explosive metallic azides in copper and lead plumbing. The total azide present in each pack is 0.15 mg.

Safety data sheet**Product name:**

Sodium azide

CAS No. 26628-22-8

R: 22-32 Toxic if swallowed. Contact with acids liberates very toxic gas.

S: (1/2)-28-45 (Keep locked up and out of the reach of children). After contact with skin, wash immediately with plenty of water. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

Composition:

Sodium azide solution.

Hazards identification:

Toxic if swallowed, inhaled, or absorbed through skin. May cause eye and skin irritation.

First aid measures:

In case of contact, immediately flush eyes or skin with copious amounts of water. If inhaled remove to fresh air. In severe cases seek medical attention.

Fire fighting measures:

Dry chemical powder. Do not use water.

Accidental release:

Wear suitable protective clothing including laboratory overalls, safety glasses and gloves. Mop up spill area, place waste in a bag and hold for waste disposal. Wash spill site area after material pick-up is complete.

Handling and storage:

Wear suitable protective clothing including overalls, safety glasses and gloves. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

Personal protection:

See above instructions for handling and storage.

Physical and chemical properties:

Formula weight: 65.01. Density: 1.850.

Stability and reactivity:

Avoid contact with metals and acid chlorides. This yields a very toxic gas.

Toxicological information:

LD50: 27 mg/kg oral, rat

LD50: 20 mg/kg skin, rabbit

Ecological information:

Not applicable

Disposal consideration:

Up to 5 vials worth of material may be disposed of directly down the sink with water. If 6 or more vials are to be disposed of they should pass through a chemical waste route.

Note: Inorganic azides will react with lead and copper plumbing fixtures to give explosive residues. Disposal of significant quantities of azides via such plumbing is not recommended.

Transport information :

No special considerations applicable.

Regulatory information:

The information contained in this safety data sheet is based on published sources and is believed to be correct. It should be used as a guide only. It is the responsibility of the user of this product to carry out an assessment of workplace risks, as may be required under national legislation.



Use by



Consult operating instructions



Batch code

REF

Catalogue number



Caution, consult accompanying documents



Biological risk



Control



Manufacturer



Temperature limitation
Store at -15°C to -30°C

Website: <http://www.izotop.hu>

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Commercial e-mail: commerce@izotop.hu

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