

Control set of the rInsulin ELISA KIT

(REF: EK-547Cset)

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

Intended use

This is a supplementary set of the rInsulin ELISA KIT (code: EK-547) 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 per vial), ready to use.

Store at -20 °C upon arrival for long term. If used within 1 month store at 2-8 °C.

It is recommended to aliquot the controls and store them at -20 °C to avoid repeated freeze-thaw cycles.

Package insert

Preparation of controls, storage

Equilibrate controls to room temperature prior to use.

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.

Procedure, calculation of results

Control samples should be handled in the same way as the standards in the rInsulin ELISA KIT (code: EK-547), 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 rInsulin ELISA KIT (code: EK-547).

Please, consult with that insert.

Reference ranges

Control1 (code: EK-547C1 lot: 140949):

0.68 - 1.02 ng/mL

Control2 (code: EK-547C2 lot: 140950):

1.36 –2.05 ng/mL

Control3 (code: EK-547C3 lot: 140951):

2.62 – 3.93 ng/mL

The ranges are valid only for the determinations with the rInsulin ELISA system (code: EK-547).

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

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 **1.5 mg**.

All chemicals should be considered as potentially hazardous. We therefore recommend that this product is handled only by those persons who have been trained in laboratory techniques and that it is used in accordance with the principles of good laboratory practice. Wear suitable protective clothing such as laboratory overalls, safety glasses and gloves. Care should be taken to avoid contact with skin or eyes. In the case of contact with skin or eyes wash immediately with water (see safety data sheet for specific advice).

Safety data sheet

Product name:

Sodium azide
CAS No. 26628-22-8

Hazardous statements:

H300 Fatal if swallowed
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life
EUH032 Contact with acids liberates very toxic gas

Precautionary statements:

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 + P330 If swallowed immediately called a POISON CENTER or doctor/physician. Rinse mouth.
P302 + P352 + P310 If on skin gently wash with plenty of soap and water. Immediately called a POISON CENTER or doctor/physician.
P391 Collect spillage.
P501 Dispose of contents/container as waste: in an approved waste.

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 between 2-8 °C

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