



Lactose/D-Galactose (Rapid) Assay Kit Information Sheet

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Product Name: Lactose/D-Galactose (Rapid) Assay Kit
Catalogue Number: K-LACGAR

This kit is for laboratory use only. Not for drug, household or other uses.

No substance or preparation included in this kit is subject to classification according to 1272/2008 and 1999/45/EC and therefore the requirements of 453/2010 do not apply. As such this document was written in accordance with Article 32 of REACH.

Although this kit contains no substances or preparations which are classified as hazardous or dangerous (alone or in combination) when used and stored as directed, this kit should be handled in accordance with good laboratory practices and appropriate personal protective equipment should be used.

For more information refer to the K-LACGAR booklet.

General appearance: This kit contains six glass vials.
Storage: The contents of this kit are stable as specified on the individual containers when stored under the recommended storage conditions.
Contents: For more information refer to the K-LACGAR booklet.

Name	Description	Comments
Bottle 1	Buffer	2.5 mL, pH 5.0
Bottle 2*	Buffer	25 mL, pH 8.6
Bottle 3	NAD ⁺	96 mg
Bottle 4*	β-Galactosidase suspension	1.2 mL
Bottle 5*	β-Galactose dehydrogenase	2.4 mL
Bottle 6*	Galactose mutarotase suspension	
	D-Galactose standard solution	5 mL, 0.4 mg/mL

***Contains sodium azide (0.02% w/v) as a preservative. Contact with acids may form toxic gases.**

THE FOLLOWING INFORMATION IS GIVEN AS GENERAL ADVICE

As a general rule, in cases of accident, if you feel unwell when using this product, if in doubt, or if any symptoms persist, seek medical advice. Show the label where possible.

SAFE HANDLING

- Handle according to good hygiene, laboratory and safety practices.
- Use personal protective equipment that is clean and has been properly maintained, including: – Approved safety glasses with side shields, protective gloves (eg. nitrile) and suitable laboratory clothing.
- Use only in areas with adequate ventilation, keep away from heat and sources of ignition. Avoid ingesting, breathing dust or vapours, contact with eyes, skin and clothing.
- Spillages should be cleaned up immediately (avoid raising dust or aerosol) and placed in a suitable container for disposal. Clean area using detergent and water only.

FIRST AID

Inhalation	Move to fresh air. If breathing becomes difficult immediately seek medical advice.
Eye contact	Remove contact lenses if fitted and easy to do. Flush eyes with plenty of water for at least 15 minutes. Seek medical advice.
Skin contact	Immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Wash clothing and clean shoes before re-use. Seek medical advice.
Ingestion	If person is conscious immediately flush mouth with plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Seek medical advice.

FIRE FIGHTING MEASURES

In case of fire toxic and irritant fumes (nitrogen oxides, carbon monoxide, carbon dioxide) may be produced. Use dry chemical powder, water spray, carbon dioxide or foam to extinguish fire.

FURTHER INFORMATION

Precautions

Since the user's working conditions are not known by us, the information supplied in this kit information sheet is based on our current level of knowledge. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. This kit must not be used for any purpose other than those specified.

Disclaimer

The information and recommendations contained herein are to the best of our knowledge reliable. However, Megazyme International Ireland does not guarantee the accuracy or completeness of the information and as such this document should be used as a guide only. In addition, nothing herein is to be construed as a warranty or representation in respect of safety in use, suitability efficiency or otherwise, including freedom from patent infringements. Users should make their own tests for their particular purpose. We cannot accept any liability for any loss, damage or infringement arising from the use of the information or recommendations contained herein.