

Product Datasheet

Lactose Assay Kit (Colorimetric)

KA1672

Unit Size: 1 Kit

Store at -20C.

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KA1672**Lactose Assay Kit (Colorimetric)**

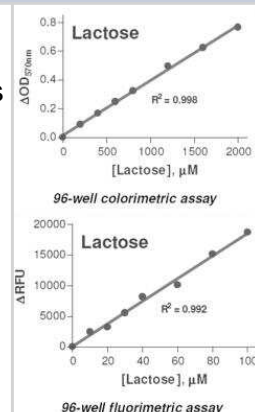
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C.

Product Description	
Description	Quality control test: Standard Curve Lactose Assay Kit is a quantitative colorimetric lactose determination.
Species	Bovine
Specificity/Sensitivity	This kit can be used with both colorimetric and fluorometric detection systems.
Kit Components	Assay Buffer, Enzyme Mix, Lactase, Dye Reagent, Standard (20 mM Lactose)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	Colorimetric Assay: 17 to 2000 μ M, Fluorimetric Assay: 6 to 100 μ M
Sensitivity	6 μ M
Assay Type	Colorimetric
Suitable Sample Type	Biological Sample, Milk
Sample Volume	20 μ L

Product Application Details	
Applications	Functional, Quantification
Recommended Dilutions	Functional, Quantification

Images

Lactose Assay Kit (Fluorometric) [KA1672] - The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

**Publications**

G B, G M, S O et al. Acute and chronic effects of cortisol on milk yield, the expression of key receptors, and apoptosis of mammary epithelial cells in Saanen goats. J Dairy Sci. 2021-10-28 [PMID: 34756435]

Shaffer JE, Mamedova LK, DeFrain JM et al. Dietary Zinc-Amino Acid Complex Does Not Affect Markers of Mammary Epithelial Integrity or Heat Stability of Milk in Mid-Lactating Cows. Biol Trace Elem Res. 2018-10-31 [PMID: 30382478]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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