

Product Datasheet

Sialic Acid Assay Kit (Colorimetric/Fluorometric) KA1655

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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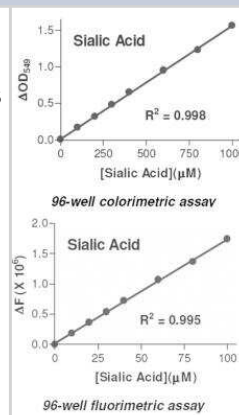


KA1655**Sialic Acid Assay Kit (Colorimetric/Fluorometric)**

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	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	Quality control test: Standard Curve Sialic Acid Assay Kit is a quantitative determination of free and total sialic acid.
Species	Bovine
Specificity/Sensitivity	This kit can be used with both colorimetric and fluorometric detection systems.
Kit Components	Dye Reagent, 10% TCA, DMSO, Oxidation Reagent, Hydrolysis Reagent, Standard: 10 mM Sialic Acid
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	Colorimetric Assay: 5 to 1000 μ M, Fluorometric Assay: 0.5 to 100 μ M
Sensitivity	OD, FL: 5, 0.5 μ M
Assay Type	Colorimetric/Fluorometric
Suitable Sample Type	Biological Samples (e.g. Milk, Plasma, Saliva, Serum)
Sample Volume	60 μ L
Product Application Details	
Applications	Functional, Quantification
Recommended Dilutions	Functional, Quantification

Images

Sialic Acid Assay Kit (Fluorometric) [KA1655] - 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**

Xu W, Mingyue L, Jifeng Z et al. CD24-Siglec axis is an innate immune checkpoint against metaflammation and metabolic disorder. Cell Metab. 2022-08-02 [PMID: 35921817]

Novel pH-dependent regulation of Human cytosolic sialidase 2 (NEU2) activities by siastatin b and structural prediction of neu2/siastatin b complex. MM Rahmana, T Hirokawab, D Tsujia et al. Biochem Biophys Rep [PMID: 29124209]

Sharma R, Ahlawat S, Sharma H et al. Variable sialic acid content in milk of Indian cattle and buffalo across different stages of lactation. J Dairy Res 2018-12-06 [PMID: 30520408]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com

Technical Support: nb-technical@bio-techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

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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