

Product Datasheet

Choline Assay Kit (Colorimetric/Fluorometric) KA1662

Unit Size: 1 Kit

Store at -20C.

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KA1662**Choline 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	Store at -20C.

Product Description

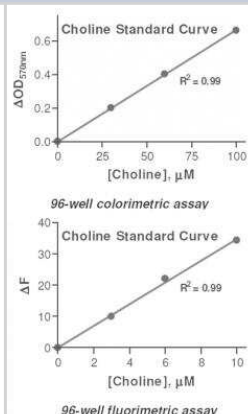
Description	Quality control test: Standard Curve Choline Assay Kit is a quantitative colorimetric/fluorometric choline determination.
Species	Rat, Bovine
Specificity/Sensitivity	This kit can be used with both colorimetric and fluorometric detection systems.
Kit Components	Assay Buffer, Enzyme Mix (Dried), Dye Reagent, Standard: 2 mM Choline
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	Colorimetric Assay: 1 to 100 μ M, Fluorimetric Assay: 0.2 to 10 μ M
Sensitivity	OD, FL: 1, 0.2 μ M
Assay Type	Colorimetric/Fluorometric
Suitable Sample Type	Cell Culture, Milk, Plasma, Saliva, Serum, Tissue, Urine
Sample Volume	20 μ L

Product Application Details

Applications	Functional, Quantification
Recommended Dilutions	Functional, Quantification

Images

Choline Assay Kit (Fluorometric) [KA1662] - 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

Kalisch-Smith J, Steane S, Simmons D et al. Periconceptional alcohol exposure causes female-specific perturbations to trophoblast differentiation and placental formation in the rat. *Development*. 2019-06-10 [PMID: 31182432]

Torquato P, Giusepponi D, Alisi A et al. Nutritional and lipidomics biomarkers of docosahexaenoic acid-based multivitamin therapy in pediatric NASH. *Sci Rep*. 2019-02-14 [PMID: 30765737]

Cardoso FC, Pineda A., et al. Effects of rumen-protected choline with calcium salts of long chain fatty acids on milk yield and milk composition of middle and late lactation Holstein cows. *Livestock Science* 2015-02-24

Zhou Z, Bulgari O, Vailati-Riboni M et al. Rumen-protected methionine compared with rumen-protected choline improves immunometabolic status in dairy cows during the peripartal period. *J Dairy Sci* 2016-08-31 [PMID: 27592438]

Osorio JS, Trevisi E, Ji P et al. Biomarkers of inflammation, metabolism, and oxidative stress in blood, liver, and milk reveal a better immunometabolic status in peripartal cows supplemented with Smartamine M or MetaSmart. *J Dairy Sci*. 2014-12-01 [PMID: 25282419]





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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