

Product Datasheet

LSD1 Activity/Inhibition Assay Kit (Colorimetric) KA1525

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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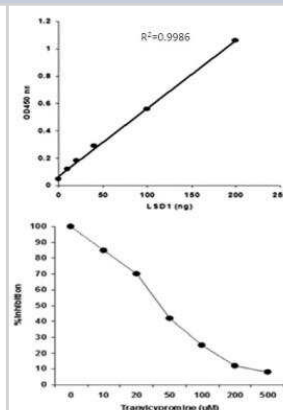


KA1525**LSD1 Activity/Inhibition Assay Kit (Colorimetric)**

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	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	Quality control test: Standard Curve LSD1 Demethylase Activity/Inhibition Assay Kit (Colorimetric) is use for screening LSD1 demethylase inhibitors.
Gene ID	23028
Gene Symbol	KDM1A
Species	Human
Kit Components	LD1 (10X Wash Buffer), LD2 (LSD1 Assay Buffer), LD3 (LSD1 Substrate, 50 µg/mL), LD4 (LSD1 Assay Standard, 50 µg/mL), LD5 (Capture Antibody, 1000 µg/mL), LD6 (Detection Antibody, 400 µg/mL), LD7 (LSD1 Inhibitor Tranylcypromine, 1 mM), LD8 (Developer Solution), LD9 (Stop Solution), 8-Well Assay Strips (With Frame), Adhesive Covering Film
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	0.5 to 20 ug nuclear extract; 5 to 500 ng purified enzyme
Sensitivity	0.5 ug nuclear extract; 5 ng purified enzyme
Assay Type	Colorimetric
Suitable Sample Type	Nuclear extracts; purified LSD1 enzymes
Sample Volume	1- 4 uL
Product Application Details	
Applications	Functional
Recommended Dilutions	Functional

Images

LSD1 Assay/Inhibitor Screening Assay Kit [KA1525] - 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**

Boulding T, McCuaig RD, Tan A et al. LSD1 activation promotes inducible EMT programs and modulates the tumour microenvironment in breast cancer. Sci Rep 2018-01-08 [PMID: 29311580]



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Products Related to KA1525

H00023028-P01-10ug	Recombinant Human LSD1 GST (N-Term) Protein
NB100-182	FANCD2 Antibody - BSA Free
NB100-1762	LSD1 Antibody (1B2E5)
NB100-56519	DNMT1 Antibody (60B1220.1) - BSA Free

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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