

# Product Datasheet

## LSD1 Activity/Inhibition Assay Kit (Fluorometric) KA1603

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**KA1603****LSD1 Activity/Inhibition Assay Kit (Fluorometric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Description</b>	LSD1 Demethylase Activity/Inhibition Assay Kit (Fluorometric) is used for an easy and fast fluorometric measurement of LSD1 activity or inhibition.
<b>Gene ID</b>	23028
<b>Gene Symbol</b>	KDM1A
<b>Kit Components</b>	10X Wash Buffer, LSD1 Assay Buffer, LSD1 Substrate, 50 µg/mL, LSD1 Assay Standard, 50 µg/mL, Capture Antibody, 1000 µg/mL, Detection Antibody, 400 µg/mL, LSD1 Inhibitor Tranylcypromine, 1 mM, Fluoro Developer, Fluoro Enhancer, Fluoro Diluter, 8-Well Assay Strips (With Frame), Adhesive Covering Film
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	0.5 to 20 ug nuclear extract; 2 to 500 ng purified enzyme
<b>Sensitivity</b>	0.5 ug nuclear extract; 2 ng purified enzyme
<b>Assay Type</b>	Fluorometric
<b>Suitable Sample Type</b>	Nuclear extracts; purified LSD1 enzymes
<b>Sample Volume</b>	1- 5 uL
<b>Product Application Details</b>	
<b>Applications</b>	Functional
<b>Recommended Dilutions</b>	Functional

**Publications**

Xinran W, Cai Z, Xiangyu Z et al. Design, synthesis and biological evaluation of tetrahydroquinoline-based reversible LSD1 inhibitors. Eur J Med Chem. 2020-03-21 [PMID: 32229389]





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### **Products Related to KA1603**

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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

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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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