

Product Datasheet

FFAR2/GPR43 Assay Kit (Colorimetric/Fluorometric) KA1667

Unit Size: 1 Kit

Store at -20C.

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Publications: 8

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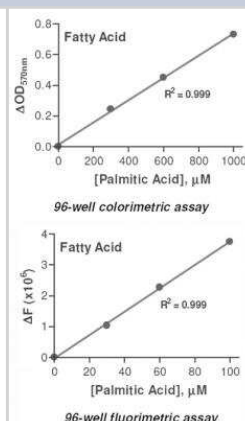


KA1667**FFAR2/GPR43 Assay Kit (Colorimetric/Fluorometric)**

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 Free Fatty Acid Assay Kit is a quantitative colorimetric/fluorimetric fatty acid determination.
Gene ID	2867
Gene Symbol	FFAR2
Species	Human, Mouse
Specificity/Sensitivity	This kit can be used with both colorimetric and fluorometric detection systems.
Kit Components	Assay Buffer, Dye Reagent, Enzyme A (Dried), Enzyme B, CoSubstrate, Standard
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	Colorimetric Assay: 7 to 1000 μ M, Fluorimetric Assay: 7 to 100 μ M
Sensitivity	7 μ M
Assay Type	Colorimetric/Fluorometric
Suitable Sample Type	Cell Culture, Food Sample, Milk, Plasma, Saliva, Serum, Urine
Sample Volume	10 μ L
Product Application Details	
Applications	Functional, Quantification
Recommended Dilutions	Functional, Quantification

Images

FFAR2/GPR43 Assay Kit (Fluorometric) [KA1667] - 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

Qing X, Edwin M, Ellen B et al. Pharmacological agents targeting autophagy and their effects on lipolysis in human adipocytes. *Mol Cell Endocrinol*. 2022-01-11 [PMID: 35031432]

Van L, Vanderhaeghen T, Timmermans S et al. Hepatic PPAR γ function and lipid metabolic pathways are dysregulated in polymicrobial sepsis. *EMBO Mol Med*. 2020-01-09 [PMID: 31916705]

Leen C, Bastiaan M, Parul M et al. A20 deficiency in myeloid cells protects mice from diet-induced obesity and insulin resistance due to increased fatty acid metabolism. *Cell Rep*. 2021-09-21 [PMID: 34551300]

Lise W, Tineke V, Ioanna P et al. ZBTB32 performs crosstalk with the glucocorticoid receptor and is crucial in glucocorticoid responses to starvation. *iScience*. 2021-07-23 [PMID: 34337361]

Tineke V, Steven T, Deepika W et al. Reprogramming of glucocorticoid receptor function by hypoxia. *EMBO Rep*. 2021-10-26 [PMID: 34699114]

Zanabria R, Griffiths M, Corredig M et al. Does structure affect biological function? Modifications to the protein and phospholipids fraction of the milk fat globule membrane after extraction affect the antiproliferative activity of colon cancer cells. *J Food Biochem*. 2019-12-06 [PMID: 31808955]

MHA Bakar, NSN Shahril, MSFM Khalid, S Mohammad, KA Shariff, T Karunakara, RM Salleh, MN Rosdi Celastrol alleviates high-fat diet-induced obesity via enhanced muscle glucose utilization and mitochondrial oxidative metabolism-mediated upregulation of pyruvate dehydrogenase complex *Oncogene*, 2022-06-06;449(0):116099. 2022-06-06 [PMID: 35679966]

Barcena C, Quiros PM, Durand S et al. Methionine Restriction Extends Lifespan in Progeroid Mice and Alters Lipid and Bile Acid Metabolism. *Cell Rep* 2018-08-28 [PMID: 30157432]





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Products Related to KA1667

M6000B-1	IL-6 [HRP]
NLS6599	FFAR2/GPR43 Antibody - BSA Free
AF887	AKT [p Ser473] Antibody [Unconjugated] - Pan Specific
NBP1-00858	FFAR4/GPR120 Antibody - 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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