Irisin (Human, Rat, Mouse, Canine) - EIA kit

Catalog# Standard size Price Order

EK-067-16 1 kit \$460.00 ORDER

Product description More information

Irisin - Antibody Stainings, Sequences & References

Irisin Synthesis and Its Applications

Protocol Assay Protocol (PDF)

SampleBlood collectionPreparationPlasma extraction

Tissue extraction CSF extraction

Catalog # EK-067-16

Standard Size 96 Wells

Sensitivity Minimum detection level: 6.8 ng/ml

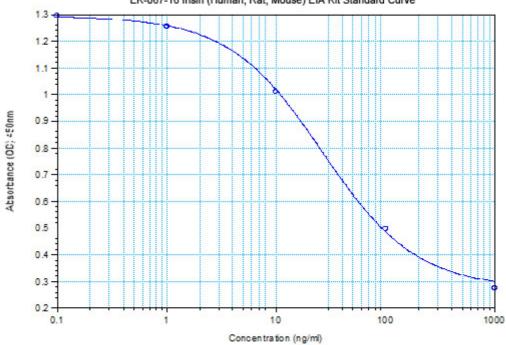
Linear Range 6.8 - 96.1 ng/ml

Cross Reactivity

у	Peptide	% Cross- reactivity
	Irisin (Human, Rat, Mouse)	100
	Irisin (42-112) (Human, Rat, Mouse)	> 100
	FNDC5, isoform 4 recombinant (Human, Rat, Mouse)	9
	Irisin precursor, C-terminal 48mer/ FNDC5(149-196) (Human)/ FNDC5(162-209) (Rat, Mouse)	0
	Irisin (42-95) (Human, Rat, Mouse)	0

Standard Curve I mage

EK-067-16 Irisin (Human, Rat, Mouse) EIA Kit Standard Curve



 y=(A-D)/(1+(x/C)^B)+D:
 A
 B
 C
 D
 R^2

 o Std (Standard: Concentration vs MeanValue)
 1.294
 1.014
 26.526
 0.275
 0.993

Irisin Recovery from Human Plasma Samples

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Human Plasma	Spiked Irisin	Expected value	Observed value **	Recovery
Samples*	(ng/ml)	(ng/ml)	(ng/ml)	Recovery
Group #1	5	5	5.2	104%
Group #2	10	10	8.2	82%
Group #3	20	20	17.75	88.7%

- Note: * Human plasma samples (collected with EDTA) were diluted with assay buffer at 1:10
 - ** Human plasma was spiked with three known concentrations of Irisin. Data is presented after the un-spiked plasma value is subtracted.

Thursday 20 December, 2012

11983473 requests since Wednesday 05 April, 2006

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