

## ARG82711 Mouse CES3 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82711-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82711-002	Standard	2 X 10 ng/vial	4°C
ARG82711-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82711-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82711-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82711-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82711-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82711-008	25X Wash buffer	20 ml	4°C
ARG82711-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82711-010	STOP solution	10 ml (Ready to use)	4°C
ARG82711-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82711 Mouse CES3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CES3 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	CES3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.7% Inter-Assay CV: 6.2%

Alternate Names EC 3.1.1.67; Carboxylesterase 1D; Ces3; Triacylglycerol hydrolase; TGH; Fatty acid ethyl ester synthase; Carboxylesterase 3; EC 3.1.1.1; FAEF synthase

## Application Instructions

Assay Time ~ 5 hours

## Properties

Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

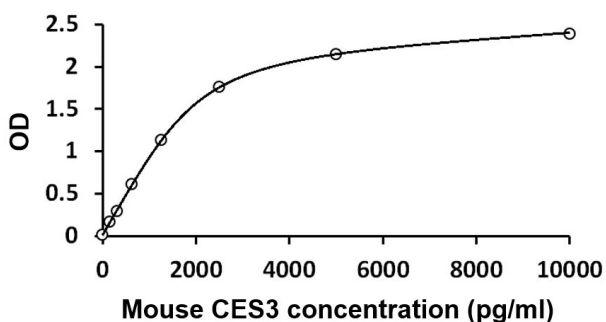
Gene Symbol Ces1d

Gene Full Name carboxylesterase 1D

Function Major lipase in white adipose tissue. Involved in the metabolism of xenobiotics and of natural substrates. Hydrolyzes triacylglycerols and monoacylglycerols, with a preference for monoacylglycerols. The susceptibility of the substrate increases with decreasing acyl chain length of the fatty acid moiety. Catalyzes the synthesis of fatty acid ethyl esters. [UniProt]

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## Images



ARG82711 Mouse CES3 ELISA Kit standard curve image

ARG82711 Mouse CES3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.