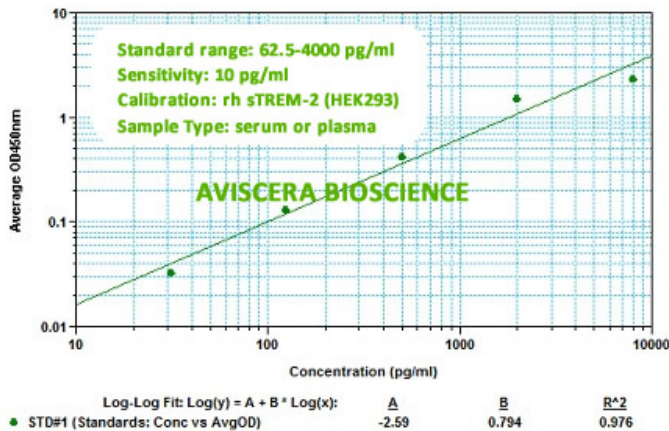




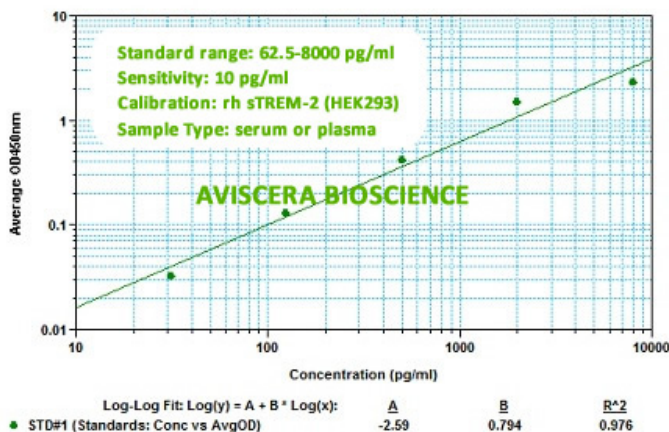
### New Human Soluble TREM-2 ELISA Kit for Serum and Plasma

#### Human Soluble TREM-2 ELISA Kit SK00218-09



New Antibody Pair Specific to the glycosylated human sTREM-2 Rec. (HEK293) and Validated to Detect sTREM-2 in human serum or plasma samples. Human sTREM-2 ELISA Kit was reset as SK00218-12A.

#### Human Soluble TREM-2 ELISA Kit SK00218-12A



### New Mouse Soluble TREM-2 ELISA Kit for Serum or Plasma samples coming soon

#### Soluble TREM-2 (Human) ELISA Kit

Code No.: SK00218-09

Size: 96T

Price: \$420.00 USD

Standard Range: 62.5 - 4000 pg/mL

Sensitivity: 30 pg/ml

Calibration: The glycosylated human sTREM-2 Rec. (HEK293 cells)

Specificity: sTREM-2 (Human)

Sample Type: Serum, plasma

Intra-CV: 4-6%

Inter-CV: 6~10%

Validated Monoclonal AB by WB & E

#### Soluble TREM-2 (Human) ELISA Kit

Code No.: SK00218-12A

Size: 96T

Price: \$420.00 USD

Standard Range: 62.5 - 8000 pg/mL

Sensitivity: 30 pg/ml

Calibration: The glycosylated human sTREM-2 Rec. (HEK293 cells)

Specificity: sTREM-2 (Human)

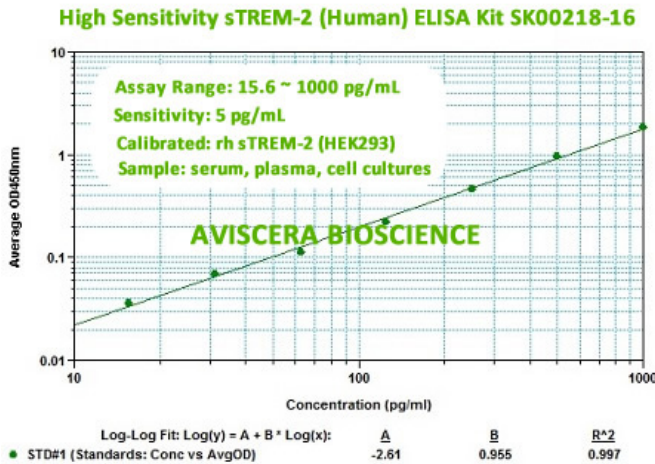
Sample Type: Serum, plasma

Intra-CV: 4-6%

Inter-CV: 6~10%

Validated Monoclonal AB by WB & E

# High Sensitivity Soluble TREM-2 (Human) ELISA Kit SK00218-16



DB02. Its linearity and recovery was assayed by Human Soluble TREM-2 ELISA Kit SK00218-12A.

Sample	Dilution Factor	Assayed (PG/mL)	Final (PG/mL)	Recovery (%)
Human serum	1 X	1012.740	1012.740	100
Human Serum	2 X	518.113	1036.226	102
Human EDTA Plasma	1 X	786.958	786.958	100
Human EDTA Plasma	2 X	381.439	762.878	96.9

## High Sensitivity Soluble TREM-2 (Human) ELISA Kit

Code No.: SK00218-16

Size: 96T

Price: \$520.00 USD

Standard Range: 15.6 - 1000 pg/mL

Sensitivity: 5 pg/ml

Calibration: The glycosylated human sTREM-2 Rec. (HEK293 cells)

Specificity: sTREM-2 (Human)

Sample Type: Serum, plasma, Cell Cultures

Intra-CV: 4-6%

Inter-CV: 6~10%

Validated Monoclonal AB by WB & E

**Alzheimer disease: TREM-2 signalling and Alzheimer disease - striking the right balance.**  
Wood H. Nat Rev Neurol. 2016 Oct;12(10):556.

### Human Triggering Receptor Expressed on Myeloid cells 2 (TREM2)

10	20	30	40	50
MEPLRLILL FVTELSGAE N TTVFQGVAGQ SLQVSCP YDS MKHWGRRKAW				
60	70	80	90	100
CRQLGEGPC QRVVSTENLW LLSFLRRWNG STAITDDTLG GTLTITLRNL				
110	120	130	140	150
QPHDAGLYQC QSLHGSEADT LRKVLVEVLA DPLDHRDAGD LWFPGESSEF				
160	170	180	190	200
EDAEVHSIS RSLLEGEIPF PPTSILLLLA CIPLIKILAA SALWAAAWEG				
210	220	230		
QKPGTHPPSE LDCGHDPGYQ IQLPLGLRDT				

AVISCERA BIOSCIENCE

Extracellular Domain

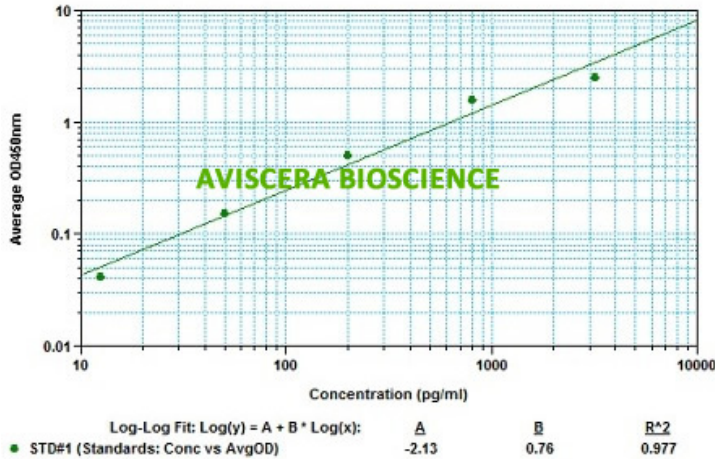
TM



**extracellular domain of TREM-2**

# New Mouse Rat Soluble TREM-2 ELISA Kit SK00218-30

## Mouse Soluble TREM-2 ELISA Kit SK00218-30



### Mouse Triggering Receptor Expressed on Myeloid cells 2 (TREM2)

10	20	30	40	50
MGPLHQFLL	LITALSQALN	TTVLQGMAGQ	SLRVSCTYDA	LKHWRKAW
60	70	80	90	100
CRQLGEEGPC	QRVVSTHGVW	LLAFLKRRNG	STVIADDTLA	GTVTITLKNL
110	120	130	140	150
QAGDAGLYQC	QSLRGREAEV	LQKVLVEVLE	DPLDDQDAGD	LWVPESSSF
160	170	180	190	200
EGAQVEHSTS	RNQETSFPPT	SILLLLACVL	LSKFLAASIL	WAVARGRQP
210	220			
GTPVVRGLDC	GQDAGHQLQI	LTGPGGT		

Protein ID: NP\_112544.1,  
 Gene ID: NM\_031254.3  
 [Q99NH8-1]



## Mouse Rat Soluble TREM-2 ELISA Kit

Code No.: SK00218-30

Size: 96 T | 192 T

Price: \$490.00 | \$920.00

Standard Range: 25 - 3200 pg/mL

Sensitivity: 10 pg/ml

Calibration: The glycosylated Mouse sTREM-2 Rec. (HEK293 cells)

Specificity: Mouse, Rat

Sample Type: Serum, plasma, Cell Cultures

Dilution Factor: 4- 8 for mouse serum or plasma,  
 2-8 for rat serum or plasma

Intra-CV: 4-6%

Inter-CV: 6~10%

Validated Monoclonal AB by WB & E

### Research Samples test:

Add 50µL per well of Sample Diluent Solution DB31 and 100 µl per well of pre-diluted mouse or rat sample solution by Dilution Buffer DB12 or standard solution. Its linearity and recovery was assayed by SK00218-30.

Blasting the Mouse and Rat extracellular domain of TREM-2: Identity 93.7%

Blasting the Mouse and Human extracellular domain of TREM-2: Identity 73.5%

### Selected alignment(s) from match D3ZZ89

D3ZZ89 D3ZZ89\_RAT - Triggering receptor expressed on myeloid cells 2 (Predicted), isoform CRA\_a Rattus  
 E-value: 3.6e-93  
 Score: 708  
 Ident: 93.7%  
 Positives: 97.9%  
 Query Length: 153  
 Match Length: 228

Query	1	LNTITVLQGMAGQSLRVSCTYDALKHWRKAWCRQLGEEGFCQRVVSTHGWLLAFLKRR	60
D3ZZ89	D3ZZ89_RAT	LNTITVLQGMAGQSLRVSCTYDALKHWRKAWCRQLGEEGFCQRVVSTHGWLLAFLK+K	78
Query	61	NGSTVIADDTLAGVTITLKNLQAGDAGLYQCOSLRGREAEVLQKVLVEVLEDPDDQDA	120
D3ZZ89	D3ZZ89_RAT	NGSTVIADDTLAGVTITLKNLQAGDAGLYQCOSLRGREAEVLQKVVVEVLEDPDDQDA	138
Query	121	GDLWVPESSSFEGAQVEHSTS	142
D3ZZ89	D3ZZ89_RAT	GDLWVPEES SFEGAQVEHSTS	160

Sample	Dilution Factor	Assayed (PG/mL)	Final (PG/mL)	Recovery (%)
Mouse Plasma	2 X	2118.168	4236.337	100
Mouse Plasma	4 X	1229.601	4918.404	116
Mouse Plasma	8 X	577.924	4623.389	109
Mouse Serum	4 X	1219.338	4877.352	100
Mouse Serum	8 X	612.413	4899.304	100
Rat Plasma	1 X	3458.056	3458.056	100
Rat Plasma	2 X	1966.245	3932.489	114
Rat Serum	1 X	4245.474	4245.474	100
Rat Serum	2 X	2163.058	4326.116	102