

New Product Release!

The product cannot be used for diagnostic nor any medical purpose.

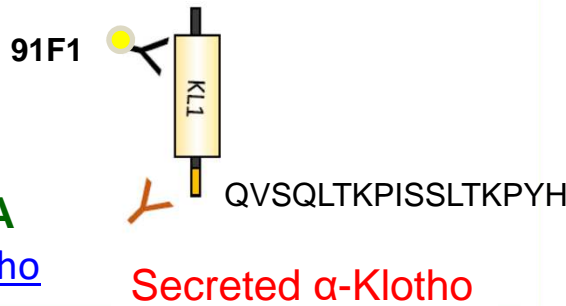
Specifically detect Human secreted α -Klotho isoform

The α -Klotho gene was identified as a gene with extremely reduced expression in genetically mutated mice with a phenotype that closely resembles the diverse aging symptoms of humans.

The long N-terminal extracellular domain, which occupies most of the sequence of the α -Klotho protein, has been reported to be shedding and released in the blood, while secretory isoform with only first repeat by gene splicing (secreted α -Klotho) has been reported.

New!

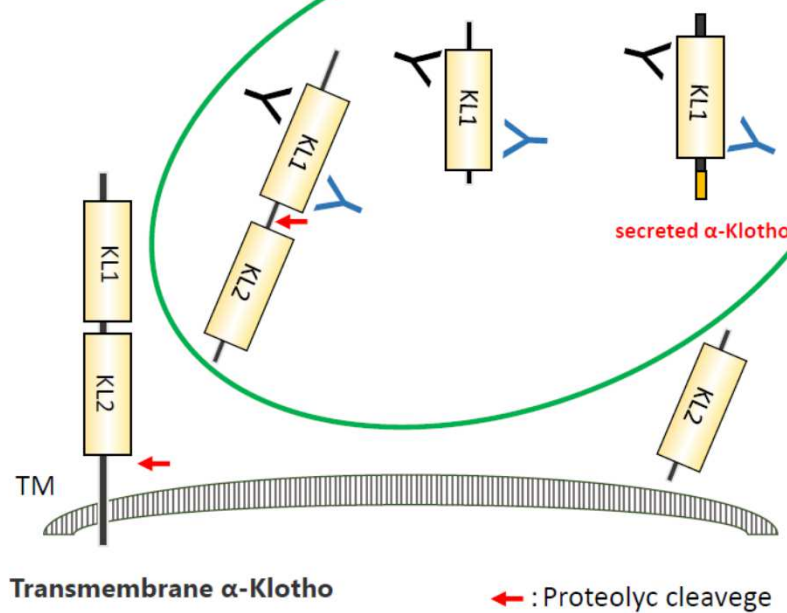
[#27901 Human secreted \$\alpha\$ -Klotho Assay Kit](#)



- **soluble α -Klotho ELISA**
- [#27998 Human soluble \$\alpha\$ -Klotho](#)
- [#27601 Mouse soluble \$\alpha\$ -Klotho](#)

#27998 Human soluble α -Klotho Assay Kit - IBL

Measure all soluble α -Klotho
has the KL1 domain



This kit specifically measures human secreted isoforms (secreted α -Klotho) in human serum, EDTA-plasma and cerebrospinal fluid and does not react with soluble α -Klotho derived from transmembrane α -Klotho.

Since there are many unclear points regarding the function of secreted α -Klotho protein and its body fluids concentration, we hope the kit will contribute further research of secreted α -Klotho.

Aging,
Neurodegenerative
Alzheimer's disease (AD) etc.

Kidney Diseases
CKD, AKI, Iga Nephropathy (IgAN),
Hypertension, etc.

Inflammatory Diseases
Cancers, Arthritis, Hepatitis, etc.

Glucose /
Lipid Metabolism
Diabetes, Hyperlipidemia, Cardiovascular Events, etc.

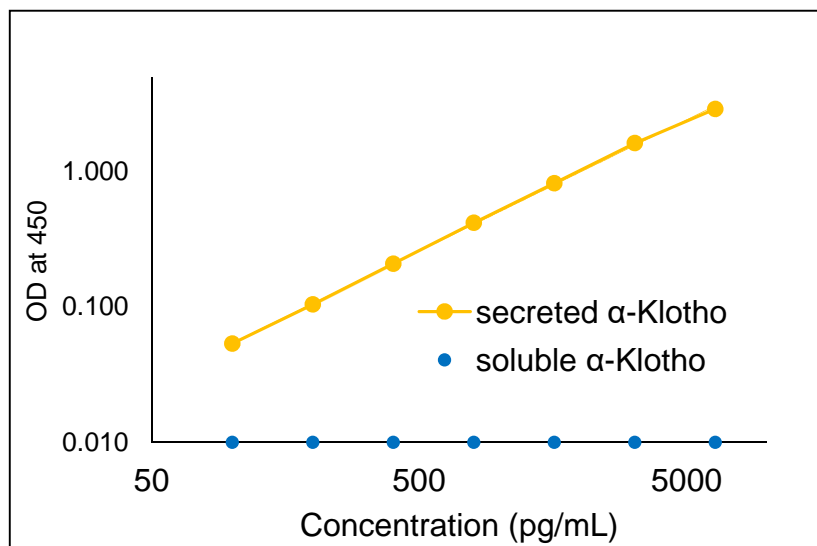
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#27901 Human secreted α -Klotho Assay Kit

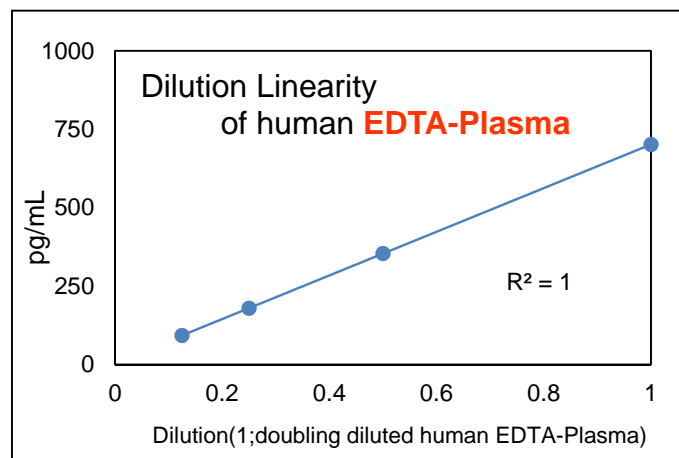
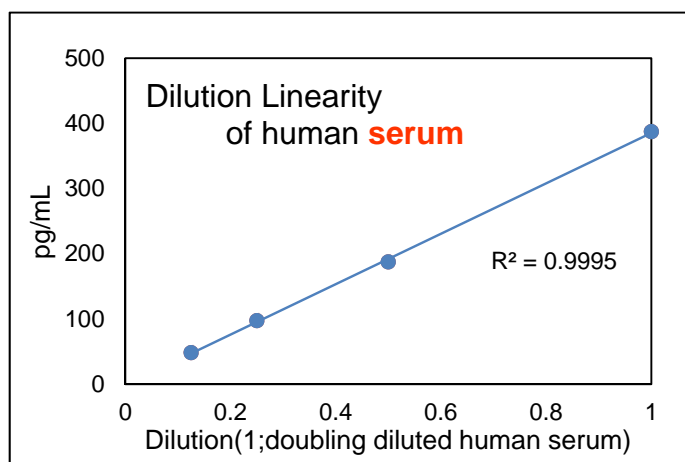
- ◆ Package Size : 96 Well ELISA
- ◆ Sample Type : Serum, EDTA Plasma, CSF
- ◆ Measurement Range : 70.31 - 4,500 pg/mL
- ◆ Sensitivity : 9.87 pg/mL
- ◆ Sensitivity : Human secreted α -Klotho 100%
- ◆ Sensitivity : Human β -Klotho $\leq 0.1\%$
- ◆ Sensitivity : Human transmembrane α -Klotho Isoform $\leq 0.1\%$
- ◆ Assay Conditions : 1st reaction 2 ~ 8°C Overnight
- ◆ Assay Conditions : 2nd reaction 2 ~ 8°C 60min
- ◆ Assay Conditions : TMB solution r.t. 30min

Check the cross reactivity with soluble α -Klotho

	secreted α -Klotho	soluble α -Klotho
STD(pg/mL)	A450	A450
6400	2.886	0.003
3200	1.615	0.003
1600	0.817	0.000
800	0.417	0.001
400	0.208	0.002
200	0.104	0.002
100	0.054	0.001



【Dilution Linearity】



Distributed by

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