

New Product Release!

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

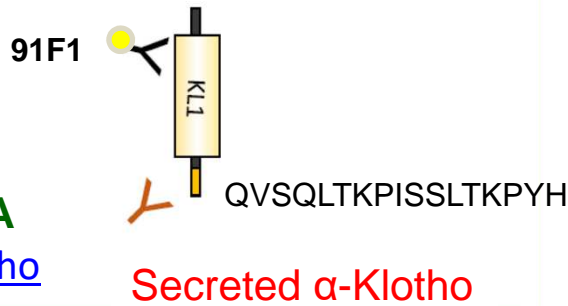
Specifically detect Human secreted α -Klotho isoform

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!

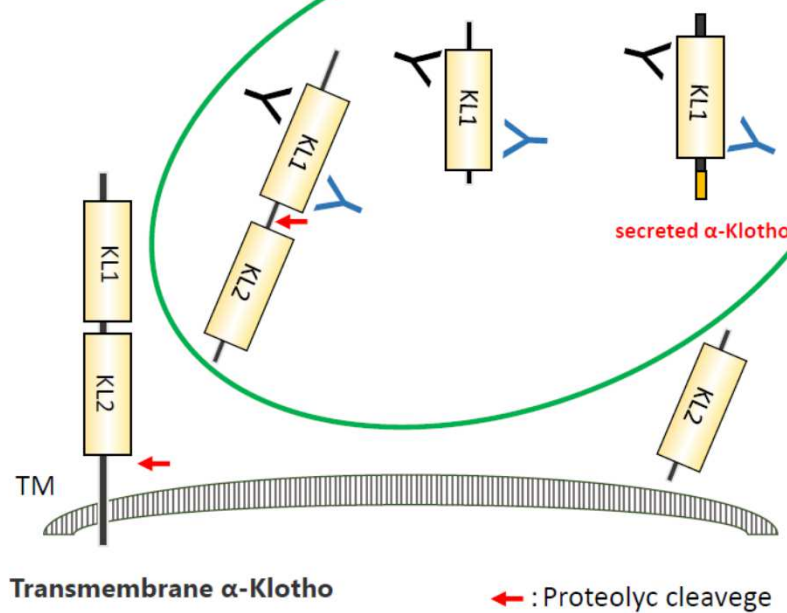
[#27901 Human secreted \$\alpha\$ -Klotho Assay Kit](#)



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

[#27998 Human soluble \$\alpha\$ -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.

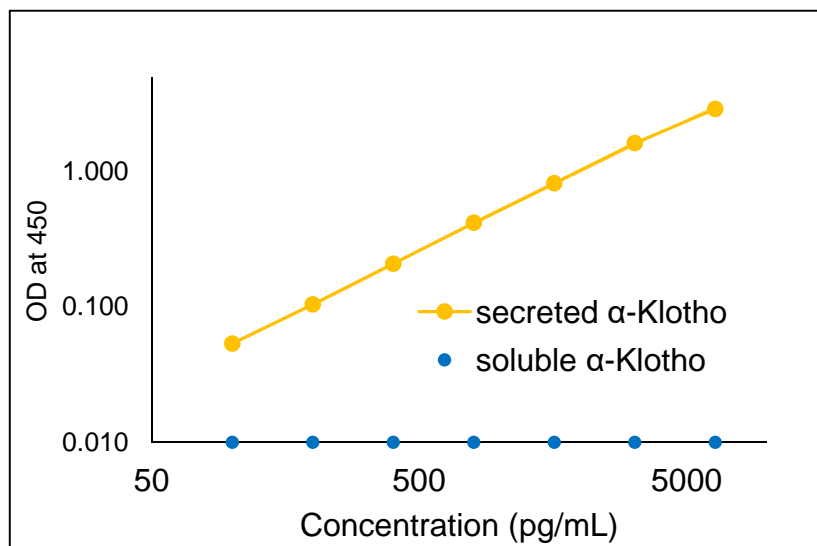
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#27901 Human secreted α -Klotho Assay Kit

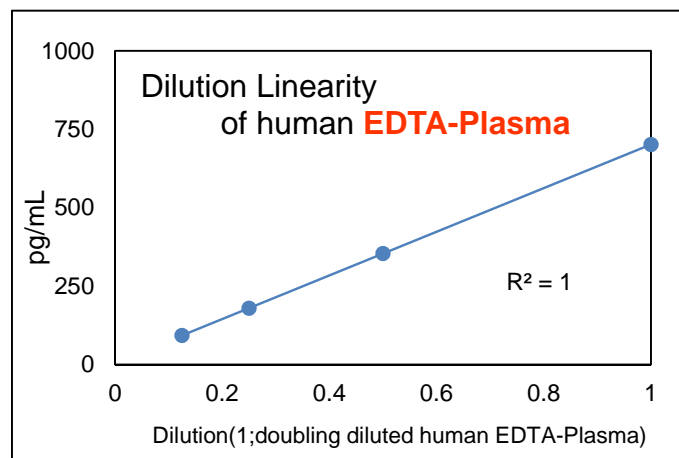
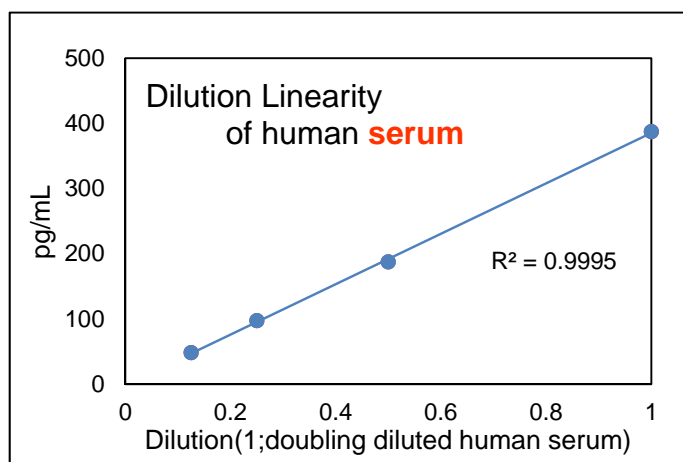
- ◆ Package Size : 96 Well ELISA
- ◆ Sample Type : Serum, EDTA Plasma, CSF
- ◆ Measurement Range : 70.31 - 4,500 pg/mL
- ◆ Sensitivity : 9.87 pg/mL
- ◆ Sensitivity : Human secreted α -Klotho 100%
- Human β -Klotho $\leq 0.1\%$
- Human transmembrane α -Klotho Isoform $\leq 0.1\%$
- ◆ Assay Conditions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

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.