

## Highlights : $\alpha$ -Klotho

Dear Valued Customers,

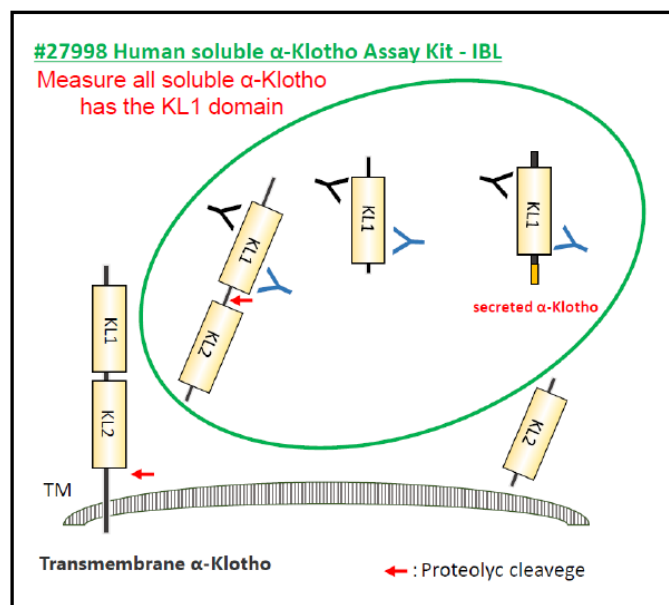
We hope this newsletter finds you well. Summer time in Japan is getting very tougher with higher temperature and humidity year by year. Mineral balance is very important for surviving in such tough climate, so we pick up “ $\alpha$ -Klotho” which regulates mineral metabolism as the highlight of this newsletter.

**$\alpha$ -Klotho** is a transmembrane protein, confirmed its expression in the kidneys and the parathyroid glands. In recent years, it has become clear that  $\alpha$ -Klotho is an important molecule within a living organism regulating the metabolism of mineral such as calcium and phosphorus.

➤ **soluble  $\alpha$ -Klotho ELISA**

[#27998 Human soluble  \$\alpha\$ -Klotho](#)

[#27601 Mouse soluble  \$\alpha\$ -Klotho](#)



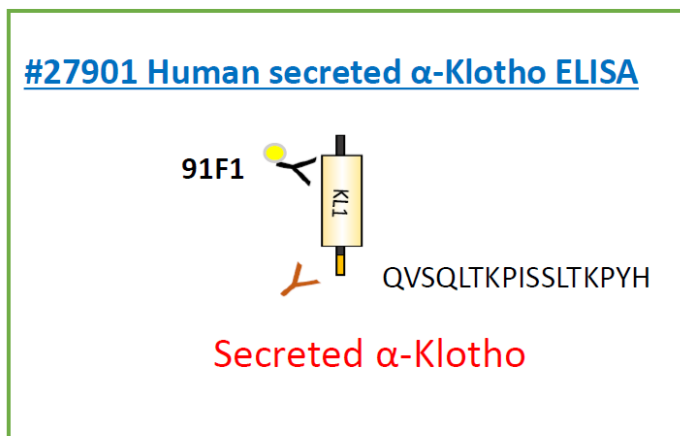
**New  
release!**

## Secreted $\alpha$ -Klotho

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

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

Secreted  $\alpha$ -Klotho protein function is still unclear. we hope the kit will contribute further research of secreted  $\alpha$ -Klotho.



[Lean More](#)

<p><b>Aging, Neurodegenerative</b></p> <p>Alzheimer's disease (AD) etc.</p>	<p><b>Kidney Diseases</b></p> <p>CKD, AKI, IgA Nephropathy (IgAN), Hypertension, etc.</p>	<p><b>Inflammatory Diseases</b></p> <p>Cancers, Arthritis, Hepatitis, etc.</p>	<p><b>Glucose / Lipid Metabolism</b></p> <p>Diabetes, Hyperlipidemia, Cardiovascular Events, etc.</p>
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