

Interleukin-1 receptor antagonist Rapid™ ELISA Kits

Why Interleukin-1 receptor antagonist (IL-1RA)?

- Elevated IL-1ra levels have been found in patients with Alzheimer's disease and multiple sclerosis, and higher levels of IL-1RA are associated with lower odds of amyotrophic lateral sclerosis (ALS).
- Many neurological disorders involve neuroinflammation, IL-1ra has anti-inflammatory properties and binds to IL-1 receptors, inhibiting the effects of pro-inflammatory IL-1 cytokines.
- Changes in the balance between IL-1ra and the pro-inflammatory IL-1 β may influence neuronal vulnerability and neuroinflammation.
- Bio-marker qualified ELISA
- Quantify IL-1RA in Human serum, plasma & saliva samples
- Fast, High sensitivity, small sample volumes, and great reproducibility
- Pre-coated 96 well-strip plates, all reagents, including QC Sample for positive control



Image:

3D structure of IL-1 & T-IL-1RA ligands (superimposed on one another. RMSD 0.407 Å).
{<https://bit.ly/3PKQZJZ>}

Biosensis Interleukin-1 receptor antagonist (IL-1RA) Rapid™ ELISA Kits

Target	Catalog #	Species reactivity	Sensitivity	Range	Target
IL-1RA Rapid™	BEK-2250-1P	Human	< 2 pg/mL	0.03-2 ng/mL	IL-1RA ligand
IL-1RA Rapid™	BEK-2250-2P	Human	< 2 pg/mL	0.03-2 ng/mL	IL-1RA ligand

e: sales@biosensis.com w: www.biosensis.com p: 1800 605-5127

Matrix metallo-peptidase 9 Rapid™ ELISA Kits



Why Matrix metallo-peptidase 9 (MMP-9)?

- Alzheimer's disease (AD): Elevated levels of MMP-9 have been found in patients with AD.
- Multiple sclerosis (MS): MMP-9 levels are associated with disease activity in MS. Epilepsy: MMP-9 is implicated in the pathogenesis of experimental epilepsy
- Ischemic stroke: Increased MMP-9 levels are associated with progressive ischemic stroke
- Chronic subdural hematoma (CSDH): MMP-9 levels may be useful for monitoring the progress and prognosis of CSDH
- Bio-marker qualified ELISA
- Quantify MMP-9 in Culture Supernatant, Serum, Plasma (Heparin), Saliva, and Urine.
- Fast, with high sensitivity, small sample volumes, and great reproducibility
- Pre-coated 96 well-strip plates, all reagents, including a QC Sample for positive control

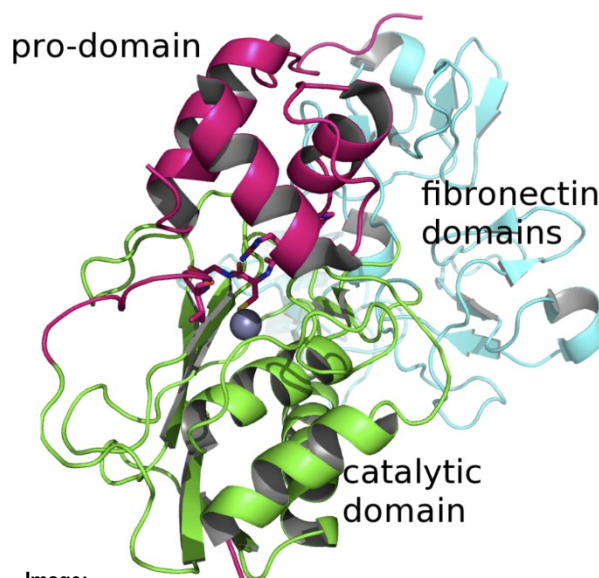


Image: The human MMP9 proenzyme. Three of the 5 domains of MMP-9 holoenzyme are shown. Adapted from [https://en.wikipedia.org/wiki/MMP9]

Biosensis Matrix metallo-peptidase 9 (MMP-9) Rapid™ ELISA Kits

Target	Catalog #	Species reactivity	Sensitivity	Range	Target
Human MMP-9 Rapid™	BEK-2252-1P	Human	< 5 pg/mL	.156 - 10 ng/mL	MMP-9
Human MMP-9 Rapid™	BEK-2252-2P	Human	< 5 pg/mL	.156 - 10 ng/mL	MMP-9