

IS-I-2900R

3-Hydroxy-Kynurenone ELISA kit

The 3-Hydroxy-Kynurenone (3-HK) ELISA Kit provides a simple, highly sensitive method for quantifying 3-HK in just 50 µL of plasma from any species. Cross-validated against LC-MS in human plasma, the kit is well-suited for in vitro, preclinical, and clinical studies. This kit is especially valuable for research into neurodegenerative and neuroinflammatory conditions—where neurotoxic, pro-oxidant 3-HK accumulates—such as Alzheimer's, Huntington's, and Parkinson's diseases, as well as in major depressive disorder and schizophrenia.



Sample type	EDTA plasma
Capacity	96-well plate
Sensitivity	0.85 ng/mL
Range	2.24 – 87.58 ng/mL
Assay time	Sample precipitation & derivatization 2.5h, ELISA overnight
Reactivity	Reacts with all species
Application	Research use only
Storage	Store at 2-8°C for to 6 months
Sample collection & storage	EDTA Plasma – store samples at 2-8°C for up to 48h or -20°C for longer period (up to 6 months)
Sample preparation	Sample precipitation & derivatization (2.5h)
ELISA	3-HK antiserum overnight incubation, revelation, and read steps (1h)

To see data, publications, and download instructions for use and MSDS, visit:
<https://www.immusmol.com/product/3-hydroxy-kynurenone-elisa-kit/>