

ISE-0104R

3-HK/KYNA ratio ELISA pack

The 3-HK/KYNA Ratio ELISA Pack enables precise measurement of 3-Hydroxy-Kynurenine (3-HK) and Kynurenic Acid (KYNA) in plasma with fully validated ELISA kits (LC-MS cross-validated), providing a reliable readout of the neurotoxic versus neuroprotective balance within the kynurenine pathway. Requiring only 50 µL per assay and applicable across species, this pack is ideal for preclinical and clinical research evaluating the 3-HK/KYNA ratio as a biomarker of oxidative stress, neuroinflammation, and psychiatric or neurodegenerative diseases.



Sample type	EDTA plasma
Capacity	96 tests
Sensitivity	LoD 3-HK: 0.85ng/mL / LoD KYNA: 0.53ng/mL
Range	3-HK: 2.24 – 87.58 ng/mL / KYNA: 1.40 – 74ng/mL
Assay time	Sample preparation (2.5h), ELISA overnight
Reactivity	Reacts with all species
Application	Research use only
Storage	Store at 2-8°C for up 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 preparation (2.5h)
ELISA	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-hk-kyna-ratio-elisa-pack/>