COMING SOON

NULISAseq™ CNS Disease Panel

SAPIENT

ALAMAR BIOSCIENCES CERTIFIED Service Provider

Comprehensive Profiling of CNS Diseases at the Lowest Limit of Detection

The identification of informative biomarkers for neurodegenerative disorders is critical to the development of better therapeutic options and improved patient outcomes. Highly sensitive, multiplexed analysis of both neuro-specific proteins and the inflammatory response from plasma and CSF provides scientists the power to detect important biomarkers such as pTau-217, GFAP and alpha-synuclein, as well as measure changes in the key inflammatory pathways. The NULISASeq CNS Disease Panel provides robust analysis of 120+ proteins to support biomarker discovery and validation studies.

Attomolar Sensitivity (fg/mL) to detect important low abundance proteins

up to 12 logs dynamic range without dilution

Highly Reproducible results with median CV <10%

120+ biomarkers from single 10µL sample

Customizable with proprietary or commercial antibodies

Profile 120+ biomarkers of CNS Disease from a single 10µl sample.

BDNF	CCL22 (MDC)	CXCL8 (IL-8)	IL-15	MDH1	PSEN1	TIMP3
A2M	CCL26 (Eotaxin-3)	ENO2	IL-16	MME	p-tau181	TNF (TNF-α)
Abeta38	CCL3 (MIP-1α)	FABP3	IL-17A	MSLN	p-tau217	TREM-1
Abeta40	CCL4 (MIP-1β)	FCN2	IL-18	NCAM1	p-tau231	TREM2
Abeta42	CD40LG (CD40 ligand)	FGF2 (FGF2)	IL-1A	NEFH	PTN	T-tau
ACHE	CD63	FLT1	IL-1B	NEFL	REST	UBB
AGRN	CDK5	FOLR1	IL-2	NGF (β-NGF)	RUVBL2	UCHL1
AHSG	CFH	GAP43	IL-33	NPTX1	S100A12 (ENRAGE)	VCAM-1
ANG	CHI3L1 (YKL-40)	GDNF	IL-4	NPTX2	S100B	VEGF-A
ANXA5	CHIT1	GFAP	IL-5	NPTXR	SAA1	VEGF-D
APOE	CLU	GOT1	IL-6	NPY	SFRP1	VSNL1 (VILIP)
ATXN2	CNTN2	HBA1; HBA2	IL-6R	NRGN	SLIT2	YWHAG
BACE1	CRH	ICAM1	IL-7	PARK7	SNAP25	YWHAZ
BASP1	CRP	IFNG (IFN-γ)	IL-9	PDGFRB	SNCA	
CALB2	CSF2 (GM-CSF)	IGF1	KDR (VEGFR-2)	PDLIM5 (PD-L1)	SOD1	
CCL11 (Eotaxin)	CST3	IGFBP7	KLK6	PGF (PIGF)	SQSTM1	
CCL13 (MCP-4)	CX3CL1 (Fractalkine)	IL-10	LRRK2	PGK1	TAFA5	
CCL17 (TARC)	CXCL1 (GROα)	IL-12A|IL-12B (IL-12P35)	LTA (TNF-β)	POSTN	TARDBP	
CCL2 (MCP-1)	CXCL10 (IP-10)	IL-13	MAP1LC3A	PRDX6	TEK (TIE-2)	

Panel in development. Content subject to change.

Scan to learn more about NULISA™

Brought to you by Sapient, the first CRO certified by Alamar for NULISAseq panel analysis

Trust our proven expertise in high-sensitivity cytokine multiplexing for rapid, reproducible results to guide CNS drug development. These protein measures can also be integrated with metabolomics and lipidomics data and cross-validated in our Human Biology Database with data from 100,000+ biosamples.

Request services: sapient.bio/nulisa | discover@sapient.bio | 858.290.7010