

**CERTIFICATE OF ANALYSIS**

**Product Description:** S-PLEX® Neurology Panel 1 (human) Kit  
**Lot Number:** K00S0233  
**Expiration Date:** 31 JAN 2027  
**Catalog Number:** K15639S-Series, K15640S-Series, K151AKGS-Series, K151AMPS-Series, K151APSS-Series, K156AMPS-Series, K156APSS-Series, K156AKGS-Series

**Lot-Specific Components:**

Description	Lot Number	Storage Temperature	Expiration Date
TURBO-BOOST Hu Neurofilament L Antibody	D0TB0009	2-8°C	30 APR 2028
TURBO-BOOST Human GFAP Antibody	D0TB0008	2-8°C	30 JUN 2028
TURBO-BOOST Human Tau Antibody	D0TB0010	2-8°C	30 JUN 2028
S-PLEX Detect D1 with TURBO-TAG™ Reagent	Y0580030	≤ -70°C	30 APR 2027
S-PLEX Detect D2	Y0590022	≤ -70°C	30 APR 2027
S-PLEX Enhance E3	Y0570023	≤ -70°C	30 APR 2027
S-PLEX Neurology Panel 1 (human) Calibrator Blend	A00S0113	≤ -70°C	31 JAN 2027
S-PLEX Neurology Panel 1 (human) Coating Solution	515057	≤ -70°C	30 APR 2028
Blocker S1	R0140012	≤ -10°C	30 APR 2027
Blocker S2	521325	≤ -10°C	31 DEC 2029
S-PLEX Enhance E1	Y0550021	≤ -10°C	30 JUN 2027
S-PLEX Enhance E2	Y0560020	≤ -10°C	31 MAR 2027

Additional components may be provided to execute the assay. Additional components are not lot-specific.

**Precision, Accuracy, and Sensitivity Specifications:**

Spot Number	Name	Calibrator	
		Recovery	CV
1	GFAP	80% - 120%	< 20%
3	NF-L	80% - 120%	< 20%
10	Tau(total)	80% - 120%	< 20%

Name	LLOQ				LLOD		
	Range Tested	Observed	Units	Recovery	CV	Observed	Units
GFAP	85.0 - 20300	446	fg/mL	80% - 120%	< 25%	167	fg/mL
NF-L	420 - 99800	4530	fg/mL	80% - 120%	< 25%	1210	fg/mL
Tau(total)	17.5 - 4160	40.0	fg/mL	80% - 120%	< 25%	22.8	fg/mL

**Stock Concentration of Calibrator:**

Name	Item	Concentration	Units
GFAP	20X Calibrator	17840000	fg/mL
NF-L	20X Calibrator	90600000	fg/mL
Tau(total)	20X Calibrator	3200000	fg/mL

This product is intended for Research Use Only. Not for use in Diagnostic Procedures.

	Name	Function	Signature	Date
<b>Review/Approval</b>	Karen Hamilla	Quality		06 FEB 2025