



Cat No: **NST961** – Nervous system tumor tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
NST96101	96	1.5mm	4um	12X8	H&E, IHC anti-Vimentin/S100/GFAP		

**Recommended applications:** For research use only. RNA or protein tissue profiling using IHC or ISH tissue profiling for nervous system tumors; Antibody characterization.

**Description:** Nervous system tumor tissue array consists of duplicated 48 cases of normal and neoplastic tissues of the nervous system. Majority of the tissues were from surgical resection. Those highlighted by "\*" were from autopsy. All tissues were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or APES coated Superfrost slides. They all have a guaranteed six months' shelf-life at 4C from the date of shipment. Each slide has >95% tissue core retention.

Array position	Age	Sex	Anatomic site	Histology	Grade	Stage (TNM)	Image
A1,B1	3M	M	Cerebral cortex*	Normal			
A2,B2	3	M	Cerebral cortex*	Normal			
A3,B3	16	M	Cerebral cortex*	Normal			
A4,B4	31	M	Cerebral cortex*	Rabies			
A5,B5	3M	M	Cerebellum*	Normal			
A6,B6	3	M	Cerebellum*	Normal			
A7,B7	31	M	Cerebellum*	Rabies			
A8,B8	16	M	Cerebellum*	Normal			
A9,B9	16	M	Brain stem*	Normal			
A10,B10	1H	F	Brain stem*	Normal			
A11,B11	1H	F	Spinal cord*	Normal			
A12,B12	65	M	Spinal cord*	Normal			
C1,D1	74	M	Brain	Fibroblastic meningioma			
C2,D2	5	F	Brain	Fibroblastic meningioma			
C3,D3	69	F	Brain	Fibroblastic meningioma			
C4,D4	53	F	Brain	Fibroblastic meningioma			
C5,D5	56	F	Brain	Fibroblastic meningioma			
C6,D6	26	F	Brain	Fibroblastic meningioma			
C7,D7	53	F	Brain	Fibroblastic meningioma			
C8,D8	65	F	Brain	Fibroblastic meningioma			
C9,D9	63	M	Brain	Syncytial meningioma			
C10,D10	76	F	Brain	Syncytial meningioma			
C11,D11	49	M	Brain	Syncytial meningioma			
C12,D12	44	F	Brain	Syncytial meningioma			
E1,F1	37	M	Brain	Syncytial meningioma			
E2,F2	47	F	Brain	Transitional meningioma			
E3,F3	31	M	Brain	Astrocytoma	I		
E4,F4	35	M	Brain	Astrocytoma	I		
E5,F5	30	F	Brain	Astrocytoma	I		
E6,F6	57	M	Brain	Astrocytoma	I		
E7,F7	32	F	Brain	Astrocytoma	II		
E8,F8	37	F	Brain	Astrocytoma	II		
E9,F9	28	M	Brain	Astrocytoma	II		



## Advancing Biomedical Science Through Tissue Arrays

E10,F10	47	M	Brain	Astrocytoma	II		
E11,F11	37	F	Brain	Astrocytoma	II		
E12,F12	79	F	Brain	Astrocytoma	II		
G1,H1	35	M	Brain	Astrocytoma	III		
G2,H2	50	M	Brain	Astrocytoma	III		
G3,H3	52	F	Mediastinum	Neurofibroma			
G4,H4	19	F	Vagina	Neurofibroma			
G5,H5	70	F	Colon	Neurofibroma			
G6,H6	26	F	Skin	Neurofibroma			
G7,H7	14	M	Spine	Neurofibroma			
G8,H8	48	M	Arm	Neurofibroma			
G9,H9	40	F	Spine	Neurofibroma			
G10,H10	4	F	Brain	Neuroblastoma			
G11,H11	52	M	Brain	Metastatic carcinoma			
G12,H12	49	F	Brain	Metastatic carcinoma			

**Notes:** Please bake the slides at 60C for 30 minutes before use. If antigen retrieving is needed, it is always a good idea to start with a protocol with weak to mild strength.

**Certified by:** Langxing Pan, M.D.