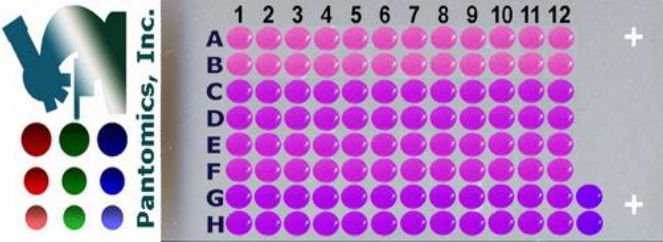


Cat No: NGL961 - Nervous system glioma tissue array, 96 samples (1.5mm)

Lot#	Cores	Size	Cut	Format	QA/QC	
NGL96101	96	1.5mm	4um	12X8	H&E	

Recommended applications: For Research use only. RNA or protein ovary cancer/non-tumor tissue profiling using IHC or ISH; Antibody characterization.

Description: Nervous system glioma tissue array, 48 cases in duplicates, including 3 normal brain tissues and 45 gliomas of various grades and stages.

Those highlighted by "*" were from autopsy. All the tissues were from surgical resection. They 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 can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss.**

Array Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	F	46	Brain	Normal*	null	null
A02	M	23	Brain	Normal*	null	null
A03	M	23	Brain, cerebellum	Normal*	null	null
A04	M	45	Brain	Astrocytoma	I	null
A05	F	36	Brain	Astrocytoma	I	null
A06	M	45	Brain	Astrocytoma	I	null
A07	M	54	Brain	Astrocytoma	I	null
A08	M	48	Brain	Astrocytoma	I~II	null
A09	M	61	Brain	Astrocytoma	I~II	null
A10	M	42	Brain	Astrocytoma	I~II	null
A11	M	28	Brain	Astrocytoma	I~II	null
A12	F	40	Brain	Astrocytoma	I~II	null
B01	F	46	Brain	Normal*	null	null
B02	M	23	Brain	Normal*	null	null
B03	M	23	Brain, cerebellum	Normal*	null	null
B04	M	45	Brain	Astrocytoma	I	null
B05	F	36	Brain	Astrocytoma	I	null
B06	M	45	Brain	Astrocytoma	I	null
B07	M	54	Brain	Astrocytoma	I	null
B08	M	48	Brain	Astrocytoma	I~II	null
B09	M	61	Brain	Astrocytoma	I~II	null
B10	M	42	Brain	Astrocytoma	I~II	null
B11	M	28	Brain	Astrocytoma	I~II	null
B12	F	40	Brain	Astrocytoma	I~II	null
C01	M	47	Brain	Astrocytoma	II	null
C02	M	17	Brain	Astrocytoma	II	null
C03	F	37	Brain	Astrocytoma	II	null
C04	M	35	Brain	Astrocytoma	II	null
C05	F	60	Brain	Astrocytoma	II	null
C06	M	75	Brain	Astrocytoma	II	null
C07	M	65	Brain	Astrocytoma	II	null
C08	F	29	Brain	Astrocytoma	II	null
C09	F	31	Brain	Astrocytoma	II	null
C10	F	52	Brain	Anaplastic astrocytoma	III	null
C11	M	55	Brain	Astrocytoma	II~III	null
C12	F	15	Brain	Astrocytoma	II~III	null
D01	M	47	Brain	Astrocytoma	II	null



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D02	M	17	Brain	Astrocytoma	II	null
D03	F	37	Brain	Astrocytoma	II	null
D04	M	35	Brain	Astrocytoma	II	null
D05	F	60	Brain	Astrocytoma	II	null
D06	M	75	Brain	Astrocytoma	II	null
D07	M	65	Brain	Astrocytoma	II	null
D08	F	29	Brain	Astrocytoma	II	null
D09	F	31	Brain	Astrocytoma	II	null
D10	F	52	Brain	Anaplastic astrocytoma	III	null
D11	M	55	Brain	Astrocytoma	II~III	null
D12	F	15	Brain	Astrocytoma	II~III	null
E01	M	71	Brain	Astrocytoma	II~III	null
E02	F	50	Brain	Astrocytoma	II~III	null
E03	M	72	Brain	Astrocytoma	II	null
E04	M	51	Brain	Astrocytoma	II~III	null
E05	M	35	Brain	Astrocytoma	III	null
E06	M	54	Brain	Anaplastic astrocytoma	III	null
E07	M	37	Brain	Astrocytoma	III	null
E08	F	49	Brain	Anaplastic astrocytoma	III	null
E09	M	32	Brain	Astrocytoma	III	null
E10	M	18	Brain	Anaplastic astrocytoma	III	null
E11	M	50	Brain	Anaplastic astrocytoma	III~IV	null
E12	M	17	Brain	Anaplastic astrocytoma	III	null
F01	M	71	Brain	Astrocytoma	II~III	null
F02	F	50	Brain	Astrocytoma	II~III	null
F03	M	72	Brain	Astrocytoma	II	null
F04	M	51	Brain	Astrocytoma	II~III	null
F05	M	35	Brain	Astrocytoma	III	null
F06	M	54	Brain	Anaplastic astrocytoma	III	null
F07	M	37	Brain	Astrocytoma	III	null
F08	F	49	Brain	Anaplastic astrocytoma	III	null
F09	M	32	Brain	Astrocytoma	III	null
F10	M	18	Brain	Anaplastic astrocytoma	III	null
F11	M	50	Brain	Anaplastic astrocytoma	III~IV	null
F12	M	17	Brain	Anaplastic astrocytoma	III	null
G01	M	30	Brain	Anaplastic astrocytoma	III~IV	null
G02	M	29	Brain	Anaplastic astrocytoma	III	null
G03	M	22	Brain	Anaplastic astrocytoma	III~IV	null
G04	M	66	Brain	Glioblastoma multiform	IV	null
G05	F	65	Brain	Glioblastoma multiform	IV	null
G06	M	7	Brain	Glioblastoma multiform	IV	null
G07	M	49	Brain	Ependymoma	null	null
G08	M	34	Brain	Malignant ependymoma	null	null
G09	M	43	Brain	Oligodendroglioma	II	null
G10	F	50	Brain	Oligodendroglioma	null	null
G11	F	10	Brain, cerebellum	Medulloblastoma	null	null
G12	F	23	Brain	Glioblastoma multiform	IV	null
H01	M	30	Brain	Anaplastic astrocytoma	III~IV	null
H02	M	29	Brain	Anaplastic astrocytoma	III	null
H03	M	22	Brain	Anaplastic astrocytoma	III~IV	null
H04	M	66	Brain	Glioblastoma multiform	IV	null
H05	F	65	Brain	Glioblastoma multiform	IV	null
H06	M	7	Brain	Glioblastoma multiform	IV	null
H07	M	49	Brain	Ependymoma	null	null
H08	M	34	Brain	Malignant ependymoma	null	null
H09	M	43	Brain	Oligodendroglioma	II	null
H10	F	50	Brain	Oligodendroglioma	null	null
H11	F	10	Brain, cerebellum	Medulloblastoma	null	null
H12	F	23	Brain	Glioblastoma multiform	IV	null



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Notes: Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer. For availability of complimentary IHC data, please contact us at info@pantomics.com.

Certified by: Langxing Pan, M.D.