



Cat No: NPC1504 – Nasopharyngeal carcinoma tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	QUICKARRAYS, INC.	
NPC150401	150	1.1mm	4um	10X15	H&E, IHC anti- Cytokeratin		

Recommended applications: For Research use only. RNA or protein nasopharyngeal carcinoma tissue profiling using IHC or ISH; Antibody characterization.

Description: Nasopharyngeal carcinoma tissue array, set 4, non-overlapping with NPC111, NPC961, NPC962, NPC481, NPC1501, NPC1502, NPC1503, NPC1505 or NPC1506, containing 5 cases of chronic inflammation and 91 (49 in duplicates) cases of NPC.

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	65	Nasopharynx	Chronic inflammation	null	null
A02	M	66	Nasopharynx	Chronic inflammation	null	null
A03	M	38	Nasopharynx	Chronic inflammation	null	null
A04	F	34	Nasopharynx	Chronic inflammation	null	null
A05	M	27	Nasopharynx	Chronic inflammation	null	null
A06	M	56	Nasopharynx	Undifferentiated carcinoma	null	null
A07	M	42	Nasopharynx	Undifferentiated carcinoma	null	null
A08	M	38	Nasopharynx	Squamous cell carcinoma	III	null
A09	F	72	Nasopharynx	Squamous cell carcinoma	III	null
A10	F	34	Nasopharynx	Squamous cell carcinoma	III	null
A11	M	43	Nasopharynx	Squamous cell carcinoma	III	null
A12	M	34	Nasopharynx	Squamous cell carcinoma	III	null
A13	M	41	Nasopharynx	Squamous cell carcinoma	III	null
A14	M	52	Nasopharynx	Squamous cell carcinoma	III	null
A15	M	36	Nasopharynx	Squamous cell carcinoma	III	null
B01	F	65	Nasopharynx	Chronic inflammation	null	null
B02	M	66	Nasopharynx	Chronic inflammation	null	null
B03	M	38	Nasopharynx	Chronic inflammation	null	null
B04	F	34	Nasopharynx	Chronic inflammation	null	null
B05	M	27	Nasopharynx	Chronic inflammation	null	null
B06	M	56	Nasopharynx	Undifferentiated carcinoma	null	null
B07	M	42	Nasopharynx	Undifferentiated carcinoma	null	null
B08	M	38	Nasopharynx	Squamous cell carcinoma	III	null
B09	F	72	Nasopharynx	Squamous cell carcinoma	III	null
B10	F	34	Nasopharynx	Squamous cell carcinoma	III	null
B11	M	43	Nasopharynx	Squamous cell carcinoma	III	null
B12	M	34	Nasopharynx	Squamous cell carcinoma	III	null
B13	M	41	Nasopharynx	Squamous cell carcinoma	III	null
B14	M	52	Nasopharynx	Squamous cell carcinoma	III	null
B15	M	36	Nasopharynx	Squamous cell carcinoma	III	null
C01	M	50	Nasopharynx	Squamous cell carcinoma	III	null
C02	F	58	Nasopharynx	Squamous cell carcinoma	III	null
C03	M	43	Nasopharynx	Squamous cell carcinoma	III	null
C04	F	46	Nasopharynx	Squamous cell carcinoma	III	null
C05	M	50	Nasopharynx	Squamous cell carcinoma	III	null
C06	M	41	Nasopharynx	Squamous cell carcinoma	III	null
C07	F	50	Nasopharynx	Squamous cell carcinoma	III	null
C08	M	54	Nasopharynx	Squamous cell carcinoma	III	null
C09	M	48	Nasopharynx	Squamous cell carcinoma	III	null
C10	M	43	Nasopharynx	Squamous cell carcinoma	III	null



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C11	M	51	Nasopharynx	Squamous cell carcinoma	III	null
C12	M	52	Nasopharynx	Squamous cell carcinoma	III	null
C13	M	55	Nasopharynx	Squamous cell carcinoma	III	null
C14	M	34	Nasopharynx	Squamous cell carcinoma	III	null
C15	M	59	Nasopharynx	Squamous cell carcinoma	III	null
D01	M	50	Nasopharynx	Squamous cell carcinoma	III	null
D02	F	58	Nasopharynx	Squamous cell carcinoma	III	null
D03	M	43	Nasopharynx	Squamous cell carcinoma	III	null
D04	F	46	Nasopharynx	Squamous cell carcinoma	III	null
D05	M	50	Nasopharynx	Squamous cell carcinoma	III	null
D06	M	41	Nasopharynx	Squamous cell carcinoma	III	null
D07	F	50	Nasopharynx	Squamous cell carcinoma	III	null
D08	M	54	Nasopharynx	Squamous cell carcinoma	III	null
D09	M	48	Nasopharynx	Squamous cell carcinoma	III	null
D10	M	43	Nasopharynx	Squamous cell carcinoma	III	null
D11	M	51	Nasopharynx	Squamous cell carcinoma	III	null
D12	M	52	Nasopharynx	Squamous cell carcinoma	III	null
D13	M	55	Nasopharynx	Squamous cell carcinoma	III	null
D14	M	34	Nasopharynx	Squamous cell carcinoma	III	null
D15	M	59	Nasopharynx	Squamous cell carcinoma	III	null
E01	F	50	Nasopharynx	Squamous cell carcinoma	III	null
E02	F	55	Nasopharynx	Undifferentiated carcinoma	null	null
E03	M	32	Nasopharynx	Squamous cell carcinoma	III	null
E04	F	47	Nasopharynx	Squamous cell carcinoma	III	null
E05	M	49	Nasopharynx	Squamous cell carcinoma	III	null
E06	M	43	Nasopharynx	Squamous cell carcinoma	III	null
E07	M	45	Nasopharynx	Squamous cell carcinoma	III	null
E08	F	67	Nasopharynx	Squamous cell carcinoma	III	null
E09	F	31	Nasopharynx	Squamous cell carcinoma	III	null
E10	M	62	Nasopharynx	Squamous cell carcinoma	III	null
E11	F	38	Nasopharynx	Squamous cell carcinoma	III	null
E12	M	52	Nasopharynx	Squamous cell carcinoma	III	null
E13	M	56	Nasopharynx	Chronic inflammation	null	null
E14	M	52	Nasopharynx	Squamous cell carcinoma	III	null
E15	M	39	Nasopharynx	Squamous cell carcinoma	III	null
F01	F	50	Nasopharynx	Squamous cell carcinoma	III	null
F02	F	55	Nasopharynx	Undifferentiated carcinoma	null	null
F03	M	32	Nasopharynx	Squamous cell carcinoma	III	null
F04	F	47	Nasopharynx	Squamous cell carcinoma	III	null
F05	M	49	Nasopharynx	Squamous cell carcinoma	III	null
F06	M	43	Nasopharynx	Squamous cell carcinoma	III	null
F07	M	45	Nasopharynx	Squamous cell carcinoma	III	null
F08	F	67	Nasopharynx	Squamous cell carcinoma	III	null
F09	F	31	Nasopharynx	Squamous cell carcinoma	III	null
F10	M	62	Nasopharynx	Squamous cell carcinoma	III	null
F11	F	38	Nasopharynx	Squamous cell carcinoma	III	null
F12	M	52	Nasopharynx	Squamous cell carcinoma	III	null
F13	M	56	Nasopharynx	Chronic inflammation	null	null
F14	M	52	Nasopharynx	Squamous cell carcinoma	III	null
F15	M	39	Nasopharynx	Squamous cell carcinoma	III	null
G01	F	44	Nasopharynx	Squamous cell carcinoma	III	null
G02	M	67	Nasopharynx	Squamous cell carcinoma	III	null
G03	M	47	Nasopharynx	Squamous cell carcinoma	III	null
G04	M	43	Nasopharynx	Squamous cell carcinoma	III	null
G05	F	64	Nasopharynx	Squamous cell carcinoma	III	null
G06	M	46	Nasopharynx	Squamous cell carcinoma	III	null
G07	F	45	Nasopharynx	Squamous cell carcinoma	III	null
G08	M	33	Nasopharynx	Undifferentiated carcinoma	null	null
G09	M	62	Nasopharynx	Squamous cell carcinoma	III	null
G10	M	43	Nasopharynx	Squamous cell carcinoma	III	null
G11	M	40	Nasopharynx	Squamous cell carcinoma	III	null
G12	M	38	Nasopharynx	Squamous cell carcinoma	III	null
G13	M	52	Nasopharynx	Undifferentiated carcinoma	null	null
G14	M	32	Nasopharynx	Squamous cell carcinoma	III	null
G15	F	59	Nasopharynx	Squamous cell carcinoma	III	null



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H01	F	44	Nasopharynx	Squamous cell carcinoma	III	null
H02	M	67	Nasopharynx	Squamous cell carcinoma	III	null
H03	M	47	Nasopharynx	Squamous cell carcinoma	III	null
H04	M	43	Nasopharynx	Squamous cell carcinoma	III	null
H05	F	64	Nasopharynx	Squamous cell carcinoma	III	null
H06	M	46	Nasopharynx	Squamous cell carcinoma	III	null
H07	F	45	Nasopharynx	Squamous cell carcinoma	III	null
H08	M	33	Nasopharynx	Squamous cell carcinoma	III	null
H09	M	62	Nasopharynx	Squamous cell carcinoma	III	null
H10	M	64	Nasopharynx	Squamous cell carcinoma	III	null
H11	M	43	Nasopharynx	Squamous cell carcinoma	III	null
H12	F	44	Nasopharynx	Squamous cell carcinoma	III	null
H13	F	53	Nasopharynx	Squamous cell carcinoma	III	null
H14	M	42	Nasopharynx	Squamous cell carcinoma	III	null
H15	M	69	Nasopharynx	Squamous cell carcinoma	III	null
I01	M	62	Nasopharynx	Squamous cell carcinoma	III	null
I02	M	70	Nasopharynx	Undifferentiated carcinoma	null	null
I03	M	37	Nasopharynx	Squamous cell carcinoma	III	null
I04	F	42	Nasopharynx	Undifferentiated carcinoma	null	null
I05	M	79	Nasopharynx	Squamous cell carcinoma	III	null
I06	M	45	Nasopharynx	Squamous cell carcinoma	III	null
I07	M	56	Nasopharynx	Squamous cell carcinoma	III	null
I08	F	54	Nasopharynx	Squamous cell carcinoma	III	null
I09	M	53	Nasopharynx	Undifferentiated carcinoma	null	null
I10	F	35	Nasopharynx	Squamous cell carcinoma	III	null
I11	F	56	Nasopharynx	Squamous cell carcinoma	III	null
I12	F	65	Nasopharynx	Squamous cell carcinoma	III	null
I13	F	59	Nasopharynx	Squamous cell carcinoma	III	null
I14	M	56	Nasopharynx	Squamous cell carcinoma	III	null
I15	F	43	Nasopharynx	Squamous cell carcinoma	III	null
J01	M	53	Nasopharynx	Squamous cell carcinoma	III	null
J02	M	67	Nasopharynx	Squamous cell carcinoma	III	null
J03	M	44	Nasopharynx	Squamous cell carcinoma	III	null
J04	M	55	Nasopharynx	Squamous cell carcinoma	III	null
J05	F	55	Nasopharynx	Squamous cell carcinoma	III	null
J06	M	50	Nasopharynx	Squamous cell carcinoma	III	null
J07	M	26	Nasopharynx	Undifferentiated carcinoma	null	null
J08	M	40	Nasopharynx	Squamous cell carcinoma	III	null
J09	M	34	Nasopharynx	Squamous cell carcinoma	III	null
J10	F	39	Nasopharynx	Squamous cell carcinoma	III	null
J11	M	42	Nasopharynx	Squamous cell carcinoma	III	null
J12	M	61	Nasopharynx	Squamous cell carcinoma	III	null
J13	M	37	Nasopharynx	Squamous cell carcinoma	III	null
J14	M	41	Nasopharynx	Squamous cell carcinoma	III	null
J15	F	33	Nasopharynx	Undifferentiated carcinoma	null	null

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.



Certified by: Fancai Li, M.D.

TNM Classification: Nasopharyngeal carcinoma

T - Primary Tumor

TX - Primary tumor cannot be assessed

T0 - No evidence of primary tumor

Tis - Carcinoma in situ

T1 - Tumor confined to nasopharynx

T2 - Tumor extends to soft tissue of oropharynx and/or nasal fossa

T2a – without parapharyngeal extension

T2b – with parapharyngeal extension

T3 - Tumor invades bony structures and/or paranasal sinuses

T4 - Tumor with intracranial extension and/or involvement of cranial nerves, infratemporal fossa, hypopharynx, or orbit

N - Regional Lymph nodes

NX - Regional lymph nodes cannot be assessed

N0 - No regional lymph node metastasis

N1 - Unilateral metastasis in lymph node(s), 6cm or less in greatest dimension, above supraclavicular fossa

N2 - Bilateral metastasis in lymph node(s), 6cm or less in greatest dimension, above supraclavicular fossa

N3 - Metastasis in lymph node(s)

(a) greater than 6cm in dimension

(b) in the supraclavicular

M - Distant Metastasis

MX - Distant metastasis cannot be assessed

M0 - No distant metastasis

M1 - Distant metastasis