
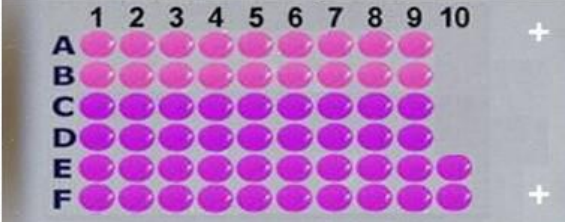




## Cat No: NPC561 – Nasopharyngeal carcinoma tissue array

Lot#	Cores	Size	Cut	Format	QA/QC		
NPC56101	56	1.5mm	4um	6X10	H&E, IHC anti- Cytokeratin		

**Recommended applications:** For research use only. Designed for IHC or ISH based protein or RNA tissue profiling in nasopharyngeal carcinoma.

**Description:** Nasopharyngeal carcinoma tissue array, NPC561, non-overlapping with other NPC tissue arrays, containing 52 cases of primary tumors and 4 cases of normal-reactive nasopharyngeal mucosal tissues.

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.**

Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	M	53	Head and neck, nasopharynx	Chronic inflammation	null	null
A02	M	48	Head and neck, nasopharynx	Chronic inflammation	null	null
A03	M	59	Head and neck, nasopharynx	Chronic inflammation	null	null
A04	M	47	Head and neck, nasopharynx	Chronic inflammation	null	null
A05	F	39	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A06	F	64	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A07	M	50	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A08	M	33	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A09	F	34	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B01	M	50	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B02	M	62	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B03	M	65	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B04	F	28	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B05	M	46	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B06	F	60	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B07	M	36	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B08	M	58	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B09	M	41	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C01	M	67	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C02	F	73	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C03	M	51	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C04	M	41	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C05	M	57	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C06	M	39	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C07	M	48	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C08	M	50	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
C09	F	57	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
D01	M	43	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
D02	M	49	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
D03	M	48	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
D04	M	56	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
D05	M	76	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
D06	M	43	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
D07	M	69	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
D08	M	68	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
D09	M	50	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
E01	F	70	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
E02	M	79	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
E03	M	39	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
E04	F	70	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
E05	M	38	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
E06	M	59	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
E07	M	51	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null

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E08	F	39	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
E09	M	28	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
E10	F	43	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
F01	M	59	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
F02	M	71	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
F03	F	38	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
F04	M	47	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
F05	M	59	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
F06	M	54	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
F07	M	43	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
F08	M	47	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
F09	M	51	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
F10	M	65	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	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:** Langxing Pan, 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