


Cat No: NPC112 – Nasopharyngeal carcinoma tissue array

Lot#	Cores	Size	Cut	Format	QA/QC
NPC11201	11	1.5mm	4um	2X8	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, NPC112, non-overlapping with NPC111, containing 8 cases of primary tumors and 3 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.**

Array Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	M	48	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A02	M	48	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A03	M	19	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A04	M	77	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A05	F	42	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A06	M	44	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
A07	M	33	Head and neck, nasopharynx	Non-keratinizing differentiated carcinoma	II	null
A08	F	80	Head and neck, nasopharynx	Non-keratinizing undifferentiated carcinoma	III	null
B01	M	41	Head and neck, nasopharynx	Chronic inflammation	null	null
B02	M	27	Head and neck, nasopharynx	Chronic inflammation	null	null
B03	F	58	Head and neck, nasopharynx	Chronic inflammation	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. For availability of complimentary IHC data, please contact us at info@pantomics.com.

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