Lung cancer immunohistochemistry type code N[N]

Exported from METEOR (AIHW's Metadata Online Registry)

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Identifying and definitional attributes

Metadata item type:	Value Domain
METEOR identifier:	433010
Registration status:	Health, Standard 08/05/2014
Definition:	A code set representing immunohistochemical stains used to assist in the diagnosis of lung cancer.

Representational attributes

Representation class:	Code
Data type:	Number
Format:	N[N]
Maximum character length:	2

	Value	Meaning
Permissible values:	1	Thyroid transcription factor-1 (TTF-1)
	2	Cytokeratin 5 (CK5)
	3	Cytokeratin 6 (CK6)
	4	Cytokeratin 7 (CK7)
	5	Cytokeratin 20 (CK20)
	6	p53-related transcription factor p63 (p63)
	7	Napsin
	88	Other
Supplementary values:	97	Not applicable-immunohistochemical staining not performed
	98	Unknown if imunohistochemistry performed
	99	Immunohistochemistry performed but stains not stated/inadequately described

Collection and usage attributes

Guide for use:	Record the code for each immunohistochemical profile obtained to assist in the diagnosis of lung cancer.
Comments:	Thyroid transcription factor-1 and cytokeratin 7 and 20 can be useful, in conjunction with tumour morphology and clinical and radiological findings, to help to distinguish between primary and metastatic lung adenocarcinomas. Cytokeratin 5/6 and p63 immunostaining is used by some pathologists to help to determine whether a tumour is a squamous or non-squamous type. The majority (about 75%) of primary lung adenocarcinomas are CK7 positive, CK20 negative and TTF-1 positive and Napsin stains are positive in approximately 80% of of primary lung adenocarcinomas.

Source and reference attributes

Submitting organisation:	Cancer Australia

Reference documents:	Royal College of Pathologists of Australasia 2010. Lung cancer structured reporting protocol. 1st Edition (Version 1.0). Surry Hills, NSW: Royal College of Pathologists of Australasia

Relational attributes

Data elements implementing this value domain:	Person with cancer—lung cancer immunohistochemistry type, code N[N] Health, Standard 08/05/2014