Lung cancer molecular pathology test results 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:	432920
Registration status:	Health, Standard 08/05/2014
Definition:	A code set representing the genetic or molecular abnormalities detected in lung cancer **molecular pathology** testing.

Representational attributes

Representation class:	Code	
Data type:	Number	
Format:	N[N]	
Maximum character length:	2	
	Value	**Meaning**
Permissible values:	1	APC - adenomatous polyposis coli
	2	ATM - ataxia telangiectasia mutated
	3	EGFR - epidermal growth factor receptor
	4	ERBB4 - v-erb-a erythroblastic leukaemia viral oncogene homolog 4
	5	ERCC1 - excision repair cross-complementing rodent repair deficiency, complementation group 1
	6	KDR - kinase insert domain receptor
	7	KRAS - v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog
	8	NF1 - neurofibromin 1
	9	PTEN - phosphatase and tensin homolog
	10	RB1 - retinoblastoma 1
	11	RRM1 - ribonucleotide reductase M1
	12	STK11 - serine/threonine kinase 11
	13	TYMS - thymidylate synthetase
	14	P53 - tumour protein p53
	15	ERBB2 - v-erb-a erythroblastic leukaemia viral oncogene homolog 2
	16	EML4-ALK - echinoderm microtubule-associated protein-like 4 – anaplastic lymphoma kinase
	17	B-RAF - v-Raf murine sarcoma viral oncogene homolog B1
	18	ROS - C-Ros Oncogene 1, Receptor Tyrosine Kinase
	19	MET - Met Proto-Oncogene (Hepatocyte Growth Factor Receptor)
	88	Other
Supplementary values:	97	Not applicable-no abnormalities detected
	98	Unknown whether abnormalities detected

| 99 | Abnormalities detected but type not stated/inadequately described |

Collection and usage attributes

Guide for use:
Each code represents a HUGO Gene Nomenclature Committee (HGNC) assigned unique gene symbol. The full name, location and additional information about each gene can be obtained from their online database at www.genenames.org.

Record the code for each genetic or molecular abnormality detected.

Molecular pathology testing is usually performed for non-small cell lung cancer (NSCLC) and when the result may influence treatment.

Source and reference attributes

Submitting organisation: Cancer Australia

Reference documents: Harris TJR & McCormick F 2010. The molecular pathology of cancer. Nat. Rev. Clin. Oncol. 7:251-265

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

HGNC Database, HUGO Gene Nomenclature Committee (HGNC), EMBL Outstation - Hinxton, European Bioinformatics Institute, Wellcome Trust Genome Campus, Hinxton, Cambridgeshire, CB10 1SD, UK. Viewed 21 June 2011, http://www.genenames.org

Relational attributes

Data elements implementing this value domain:
Person with cancer—lung cancer molecular pathology test results, code N[N] Health, Standard 08/05/2014