Lung cancer molecular pathology test results code N[N]

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# Lung cancer molecular pathology test results code N[N]

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| Identifying and definitional attributes | |
| Metadata item type: | Value Domain |
| METEOR identifier: | 432920 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014 |
| Definition: | A code set representing the genetic or molecular abnormalities detected in lung cancer  [**molecular pathology**](https://meteor.aihw.gov.au/content/523059) testing. |

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| 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 |

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| 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](http://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. |

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| 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 |

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| Relational attributes | |
| Data elements implementing this value domain: | [Person with cancer—lung cancer molecular pathology test results, code N[N]](https://meteor.aihw.gov.au/content/434682)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014 |