Molecular pathology

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# Molecular pathology

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| Identifying and definitional attributes | |
| Metadata item type: | Glossary Item |
| METEOR identifier: | 523059 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014 |
| Definition: | Molecular pathology is the study and diagnosis of disease through the examination of genetic and molecular abnormalities. It endeavours to explain why a given genetic change results in particular clinical phenotype.  Molecular pathology testing is performed on a patient's tissue sample and includes techniques such as, for example, oligonucleotide array sequence analysis of gene expression patterns in disease states and the detection of mutations with polymerase chain reaction. |

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| Relational attributes | |
| Metadata items which use this glossary item: | [Lung cancer (clinical) DSS](https://meteor.aihw.gov.au/content/430950)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 14/05/2015  [Lung cancer (clinical) NBPDS](https://meteor.aihw.gov.au/content/599613)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 14/05/2015  [Lung cancer molecular pathology test results code N[N]](https://meteor.aihw.gov.au/content/432920)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014  [Molecular pathology indicator](https://meteor.aihw.gov.au/content/435162)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014  [Molecular pathology test date](https://meteor.aihw.gov.au/content/519350)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014  [Molecular pathology test results](https://meteor.aihw.gov.au/content/428389)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014  [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  [Person with cancer—molecular pathology indicator](https://meteor.aihw.gov.au/content/434680)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014  [Person with cancer—molecular pathology indicator, yes/no/unknown code N](https://meteor.aihw.gov.au/content/435150)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014  [Person with cancer—molecular pathology test date, DDMMYYYY](https://meteor.aihw.gov.au/content/506791)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014  [Person with cancer—molecular pathology test results, (other) code X[X(19)]](https://meteor.aihw.gov.au/content/450360)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014 |