

## **GENETIC TEST:** **Arteriovenous malformation (gene panel)**

|                                   |  |
|-----------------------------------|--|
| <b>FULL NAME:</b>                 | Arteriovenous malformation (gene panel)  |
| <b>TEST TYPE:</b>                 | Clinical   |
| <b>TEST SPECIALTY:</b>            | Molecular Genetics   |
| <b>TEST PURPOSE:</b>              | Carrier diagnosis,<br>Mutation confirmation,<br>Post-natal Diagnosis,<br>Predictive and Pre-symptomatic diagnosis,<br>Prenatal diagnosis |
| <b>SPECIMEN:</b>                  | Peripheral (whole) blood on EDTA,<br>Amniotic fluid,<br>Chorionic villi  |
| <b>METHOD CATEGORY:</b>           | Sequence analysis: entire coding region<br>Deletion/duplication analysis   |
| <b>METHOD TECHNIQUE:</b>          | Next Generation Sequencing (NGS)   |
| <b>RIZIV CODE:</b>                | 565471-565482  |
| <b>ACCREDITATION (ISO 15189):</b> | 2022-12-22 / 2027-12-21  |

|                                   |                     |
|-----------------------------------|---------------------|
| <b>TURNAROUND TIME (MAXIMUM):</b> | 3 months            |
| <b>CREATED:</b>                   | 12 Dec 2019 - 13:53 |
| <b>CHANGED:</b>                   | 16 Feb 2024 - 16:21 |

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## RELATED CONTENT

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### Related Diseases

- [Capillary malformation-arteriovenous malformation](#)
- [Familial cerebral cavernous malformation](#)
- [Familial cerebral saccular aneurysm](#)
- [Glomuvenous malformation](#)
- [Hereditary hemorrhagic telangiectasia](#)
- [Heritable pulmonary arterial hypertension](#)
- [Microcephaly-capillary malformation syndrome](#)
- [Parkes Weber syndrome](#)
- [Rendu Osler Weber](#)
- [Segmental outgrowth-lipomatosis-arteriovenous malformation-epidermal nevus syndrome](#)
- [Vein of Galen aneurysmal malformation](#)

### Related Laboratories

- [Centre de Génétique Médicale UCL](#)

### Related Analytes

- [activin A receptor like type 1](#)
- [angiopoietin 2](#)
- [collagen and calcium binding EGF domains 1](#)
- [CCM2 scaffold protein](#)
- [cell division cycle 42](#)

- endoglin
- EPH receptor B4
- FAT atypical cadherin 4
- fms related receptor tyrosine kinase 4
- forkhead box C2
- GATA binding protein 2
- growth differentiation factor 2
- gap junction protein alpha 1
- gap junction protein gamma 2
- glomulin, FKBP associated protein
- hepatocyte growth factor
- HRas proto-oncogene, GTPase
- inhibitor of nuclear factor kappa B kinase regulatory subunit gamma
- integrin subunit alpha 9
- kinesin family member 11
- KRAS proto-oncogene, GTPase
- KRIT1 ankyrin repeat containing
- NRAS proto-oncogene, GTPase
- programmed cell death 10
- piezo type mechanosensitive ion channel component 1
- phosphatase and tensin homolog
- protein tyrosine phosphatase non-receptor type 11
- protein tyrosine phosphatase non-receptor type 14
- Raf-1 proto-oncogene, serine/threonine kinase
- RAS p21 protein activator 1
- SMAD family member 4
- SOS Ras/Rac guanine nucleotide exchange factor 1
- SRY-box transcription factor 18
- STAM binding protein
- TEK receptor tyrosine kinase
- TSC complex subunit 1
- TSC complex subunit 2
- vascular endothelial growth factor C

## Related Gene Panels

- [Arteriovenous malformation \(7 genes\)](#)
- [Vascular malformations \(germline\) \(38 genes\) - UCL](#)

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