# ANALYTE:
# PIK3CA

| | |
|---|---|
| **NAME:** | phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha |
| **SYMBOL:** | PIK3CA |
| **VERSION OF ORPHANET:** | 2023-06-22 14:14:43 |
| **SYNONYMS:** | PI3K |
| **XREF(S):** | Orphanet<br>Reactome<br>SwissProt<br>Ensembl<br>Genatlas<br>HGNC<br>OMIM |
| **CREATED:** | 13 May 2019 - 01:01 |
| **CHANGED:** | 26 Oct 2023 - 23:49 |

# RELATED CONTENT

## Related Genetic Tests

- Breast and Ovarian cancer, HBOC, familial (gene panel - 17 genes)
- Cerebral palsy (gene panel)
- Congenital malformation (gene panel - 1721 genes)
- Congenital malformation gene panel
- Dermatogenetic panel, severe, rare and hereditary genodermatoses (gene panel - 394 genes)
- Early onset epileptic encephalopathy (gene panel - 845 genes)
- Epidermal nevus syndrome (gene panel)
- Epilepsy gene panel
- Epilepsy, seizures (gene panel)
- Hereditary cancer (gene panel)
- Hereditary cancer panel (gene panel)
- Intellectual disability & Epilepsy (gene panel)
- Intellectual disability (virtual gene panel)
- Maffucci syndrome (gene panel)
- Malformations of cortical development (235 genes)
- Overgrowth & vascular anomalies (gene panel)
- Overgrowth & vascular anomalies / CLOVES syndrome
- Overgrowth (gene panel)
- Pediatric oncopredisposition (gene panel)
- Skeletal dysplasia (gene panel)
- Skeletal dysplasia (gene panel)
- Skeletal dysplasia (gene panel)
- Sturge-Weber syndrome (gene panel)
- Vascular malformations (somatic)

## Related Diseases

- Adult hepatocellular carcinoma
- CLOVES syndrome
- Cowden syndrome
- Familial cerebral cavernous malformation
- Hemihyperplasia-multiple lipomatosis syndrome
- Hemimegalencephaly
- Lynch syndrome
- Macrodactyly of fingers, unilateral
- Macrodactyly of toes, unilateral
- Megalencephaly-capillary malformation-polymicrogyria syndrome
- Meningioma
- Segmental progressive overgrowth syndrome with fibroadipose hyperplasia
- Selection of therapeutic option in non-small cell lung carcinoma

## Related Gene Panels

- Breast/Ovarian cancer (17 genes) - ULB
- Cerebral palsy (212 genes) - UZA
- Congenital malformation (1721 genes) - ULB
- Congenital malformation gene panel - VUB
- Dermatogenetic / severe, rare and hereditary genodermatoses (394 genes) - ULB
- Early onset epileptic encephalopathy (845 genes) - ULB
- Epilepsy gene panel - VUB
- Epilepsy, seizures (196 genes) - IPG
- Hereditary Cancer Solution (35 genes) - UCL
- Hereditary predisposition to cancer (47 genes) - IPG
- Intellectual disability & Epilepsy - UGent
- Intellectual disability (gene panel)
- Maffucci syndrome (65 genes) - KUL

- Malformations of cortical development (235 genes) - VUB
- Overgrowth & vascular anomalies (65 genes) - KUL
- Overgrowth (24 genes) - IPG
- Pediatric oncopredisposition - UGent
- Skeletal dysplasia (394 genes) - VUB
- Skeletal dysplasia (genepanel) - UZA
- Skeletal dysplasia - UGent
- Sturge-Weber syndrome (65 genes) - KUL
- Vascular malformations (somatic) (19 genes) - UCL
- epidermal nevus syndrome (65 genes) - KUL

---