DISEASE:
Noonan syndrome

NAME:	Noonan syndrome
DESCRIPTION:	A rare, highly variable, multisystemic disorder mainly characterized by short stature, distinctive facial features, congenital heart defects, cardiomyopathy and an increased risk to develop tumors in childhood.
ORPHACODE:	648

XREF(S):	Orphanet MedDRA ICD-10 OMIM OMIM OMIM OMIM MeSH OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM OMIM

ANALYTE(S):	RRAS MRAS SPRED2 RRAS2 PTPN11 CBL SOS1 KRAS RAF1 NRAS RIT1 LZTR1 RASA2 SOS2
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RELATED CONTENT

Related Genetic Tests

- Cardiomyopathy, hereditary (gene panel)
- Noonan syndrome (Screening PTPN11)
- Primary lymphedema / fetal hydrops (gene panel)
- RASopathy (gene panel)
- Short Stature (gene panel)
- cleft lip with/whitout cleft palate (virtual gene panel)

Related Laboratories

- Centre de Génétique Médicale UCL
- Centre de Génétique-Institut de Pathologie et de Génétique (IPG)
- Centrum Medische Genetica - UZ Brussel VUB
- Centrum Menselijke Erfelijkheid - KUL

Related Analytes

- Cbl proto-oncogene
- KRAS proto-oncogene, GTPase
- leucine zipper like post translational regulator 1
- muscle RAS oncogene homolog
- NRAS proto-oncogene, GTPase
- protein tyrosine phosphatase non-receptor type 11
- Raf-1 proto-oncogene, serine/threonine kinase

- RAS p21 protein activator 2
- Ras like without CAAX 1
- RAS related
- RAS related 2
- SOS Ras/Rac guanine nucleotide exchange factor 1
- SOS Ras/Rho guanine nucleotide exchange factor 2
- sprouty related EVH1 domain containing 2

Related Gene Panels

- Cardiomyopathy, hereditary (208 genes) - VUB
- Cleft lip and palate / dysmorphic facial features / craniofacial anomalies (255 genes)) - UCL
- Congenital heart disease (29 genes) - VUB
- RASopathy - KUL
- Short Stature (46 genes) - IPG
