



CENTOGENE
THE RARE DISEASE COMPANY



CentorDx[®]

WHERE CLINICAL UTILITY MEETS
PATIENT AFFORDABILITY



Targeting genes
associated with
all known clinical
phenotypes

Centodx®: clinical exome sequencing

Centodx® is the largest NGS panel covering coding regions of essentially all genes associated with known clinical phenotypes. It encompasses **3,200 rare diseases** that are checked in a very short turnaround time. In this panel **4,000 genes** have **100% coverage** in coding regions.

Why should you choose Centodx®?

CENTOGENE PRODUCTS	GENES	COVERAGE	INFORMATION CONTENT
Whole exome sequencing CentoXome®	~ 20,000	≥ 98% ≥ 20X	~ 60MB
Clinical exome sequencing Centodx®	~ 6,700	≥ 95% ≥ 20x	~ 15MB
CENTOGENE's NGS Panel Genomic	~ 10-1,000	≥ 99% ≥ 10x	200-500MB

Who benefits?

- Physicians aiming to gain deeper insights into clinically relevant genes
- Patients with unidentified phenotype or physicians faced with heterogeneous phenotypes where whole exome sequencing is not affordable
- Patients with identified phenotype in search of an affordable clinical exome option as opposed to a disease specific NGS panel

KEY ADVANTAGES OF CentoDx[®]

- Ideal for single gene disorders to complex phenotypes
- +/-10bp in introns assessed for any splicing defect
- >95% of targeted bases covered $\geq 20x$
- Short turnaround time
- Offered as Solo & Trio, adding siblings possible
- Clear conclusion and recommendations including differential diagnosis for negative cases

DISORDERS COVERED BY CentoDx[®]

- Metabolic
- Neurological
- Reproductive
- Malformative
- Ophthalmological
- Oncogenetic
- Bone, skin & immunological
- Cardiovascular
- Ear, nose & throat
- Nephrological
- Hematological
- Vascular
- Endocrinal
- Gastrointestinal
- Musculoskeletal

Diagnostic workflow

High accuracy combined with easy affordability:

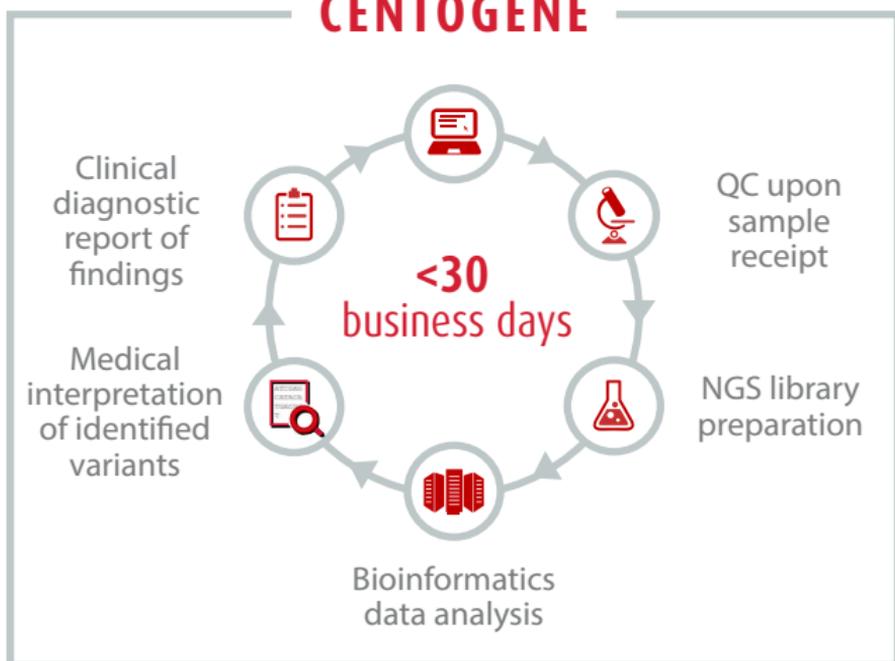


PHYSICIAN

- > Order CentoDx® via CentoPortal® (*recommended*)
- > Dispatch CentoCard® (*recommended*)
- > Provide detailed clinical info
- > Sign consent online



CENTOGENE



PHYSICIAN

- > Notified for a new report
- > Download new report via CentoPortal®
- > Consult the patient
- > Request additional tests, if required

Please visit our website
for more information:

www.centogene.com

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Following GLP and GMP guidelines.

