Devyser Thalassemia

A rapid, simple, one-tube NGS solution for comprehensive genetic testing of alpha and beta thalassemia

A simple, one-tube NGS solution that detects all sequence variants in HBA1, HBA2, and HBB in a single run, reducing the need of additional analyses and workflows.

Devyser Thalassemia enables analysis of sequence variants (SNVs, CNVs and indels) in genomic DNA isolated from blood. This unique NGS assay uses two simultaneous methods for the detection of CNVs.

The targeted sequencing approach and uniform amplicon coverage maximizes the output of relevant sequencing data in every run.

Devyser Thalassemia together with its dedicated software enables fast and intuitive result interpretation.

One-tube NGS solution

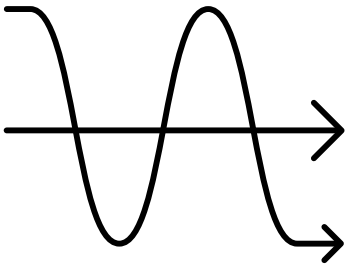
Simplified and comprehensive detection of all types of alpha and beta thalassemia sequence variants.

Single-day protocol

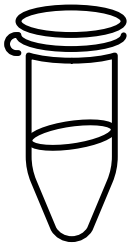
Streamlined and efficient one-day protocol for short turnaround times with minimal hands-on time.

User-friendly analysis

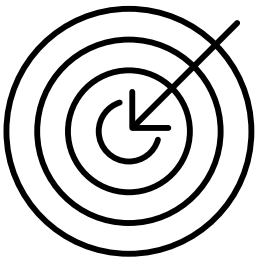
Tailored software for reliable variant detection, including unique direct detection of CNVs and easy analysis.



Reduced complexity of clinical workflows



Efficient genetic profiling

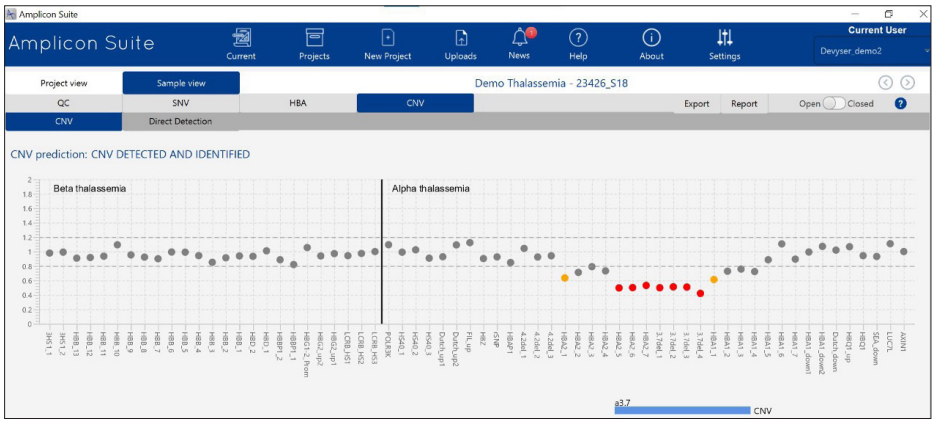


Confidence in results

CE-IVD is available in the EU and countries outside EU accepting the CE-IVD certification. Available as RUO in all other countries.

- **Available test solution for Illumina instruments** – MiSeq™, MiniSeq™ and iSeq™ 100*
- **End-to-end CE-IVD solution** – fully validated workflow including NGS library preparation and data interpretation software
- **Quick and easy implementation** – Ready-to-use reagents and minimal hands-on time
- **Simple workflow** for laboratory efficiency. Streamlined testing can be completed in one day

Amplicon Suite – Dedicated software for fast data interpretation



Two simultaneous techniques to detect CNVs:

- Pattern recognition based on sequencing coverage normalization
- Direct detection based on deletion breakpoint analysis

**MiSeq™ , and MiniSeq™ and iSeq™ are trademarks of Illumina Corporation.*

Article numbers

- Devyser Thalassemia CE-IVD
  24 tests (8-A106-24)
  48 tests (8-A106-48)
  96 tests (8-A106-96)

Accessories

- Devyser Library Clean 8-A204
- Devyser Index Plate A 8-A200

Dvysr®

Devyser – a new level of certainty

www.devyser.com