

5 reasons to choose Devyser Thalassemia

Detection of novel variants

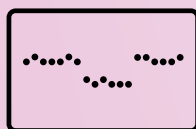
In a study from Turkey, Devyser Thalassemia uncovered **13 new and rare mutations**, expanding knowledge of the genetic landscape of thalassemia¹.



Cost & time-effective

With just **45 minutes hands-on time** Devyser Thalassemia provides an efficient and simplified testing solution. NGS thalassemia testing has shown cost-benefits compared to standard methods⁴.

User-friendly software



Amplicon Suite provides reliable variant detection, with **unique direct detection of CNVs** and easy analysis.

Dvysr®

Devyser – a new level of certainty

Devyser Thalassemia is CE-IVD marked but not FDA-cleared. Availability in each country depends on local regulatory marketing authorization status. Please consult your local sales representative for details.



Upgraded thalassemia testing

NGS methods offer precise results, reducing the likelihood of false negatives and positives and **enhancing diagnostic accuracy** compared to traditional methods^{2,3}.

~~Rapid~~ results

Devyser Thalassemia provides results in **5 hours**. The Cyprus Institute of Neurology and Genetics (CING) reduced their end-to-end thalassemia testing from 13 days to 3-4 days.

Learn more:



1. Ozalp O, Anlas O. Detection of 13 Novel Variants and Investigation of Mutation Distribution by Next Generation Sequencing in Hemoglobinopathies: A Single Center Experience. Indian J Hematol Blood Transfus. 2024 Apr;40(2):268-280. doi: 10.1007/s12288-023-01694-7. Epub 2023 Oct 3. PMID: 38708170; PMCID: PMC11065806.

2. Aliyeva, G., Asadov, C., Mammadova, T., Gafarova, S. & Abdalalimov, E. (2019). Thalassemia in the laboratory: pearls, pitfalls, and promises. Clinical Chemistry and Laboratory Medicine (CCLM), 57(2), 165-174. <https://doi.org/10.1515/cclm-2018-0647>

3. Zhao, J., Li, J., Lai, Q., & Yu, Y. (2020). Combined use of gap-PCR and next-generation sequencing improves thalassaemia carrier screening among premarital adults in China. Journal of clinical pathology, 73(8), 488-492. <https://doi.org/10.1136/jclinpath-2019-206339>

4. Suhaimi, S. A., Zulkipili, I. N., Ghani, H., & Abdul-Hamid, M. R. W. (2022). Applications of next generation sequencing in the screening and diagnosis of thalassemia: A mini-review. Frontiers in pediatrics, 10, 1015769. <https://doi.org/10.3389/fped.2022.1015769>

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