5 reasons to choose Devyser Thalassemia

Devyser AB. 7-B113.v.2024-10-29-EN

Detection of novel variants

In a study from Turkey, Devyser Thalassemia uncovered **13 new and rare mutations,** expanding knowledge of the genetic landscape of thalassemia[1].

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].

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 methods[4].

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.

User-friendly software

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

Learn more:

Dvysr®

Devyser – a new level of certainty

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2. Aliyeva, G., Asadov, C., Mammadova, T., Gafarova, S. & Abdulalimov, 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., Zulkipli, 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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