

Devyser QF-PCR

ACCURACY, SPEED, EASE OF USE

The CE-labelled Devyser reagent kits rely on quantitative, multiplex PCR amplification of genetic markers for diagnosis of the most common autosomal and sex chromosome aneuploidies. In addition to detecting Down, Edwards, Patau and Klinefelter syndromes, the Devyser kits are the only QF-PCR kits that include dedicated markers for true detection of Turner syndrome.



Designed for accuracy, speed and ease of use, your key benefits include:

RESULTS IN LESS THAN FIVE HOURS

The complete procedure from sample to results takes less than five hours, allowing your laboratory to provide results in just one day.

QUICK AND EASY IMPLEMENTATION

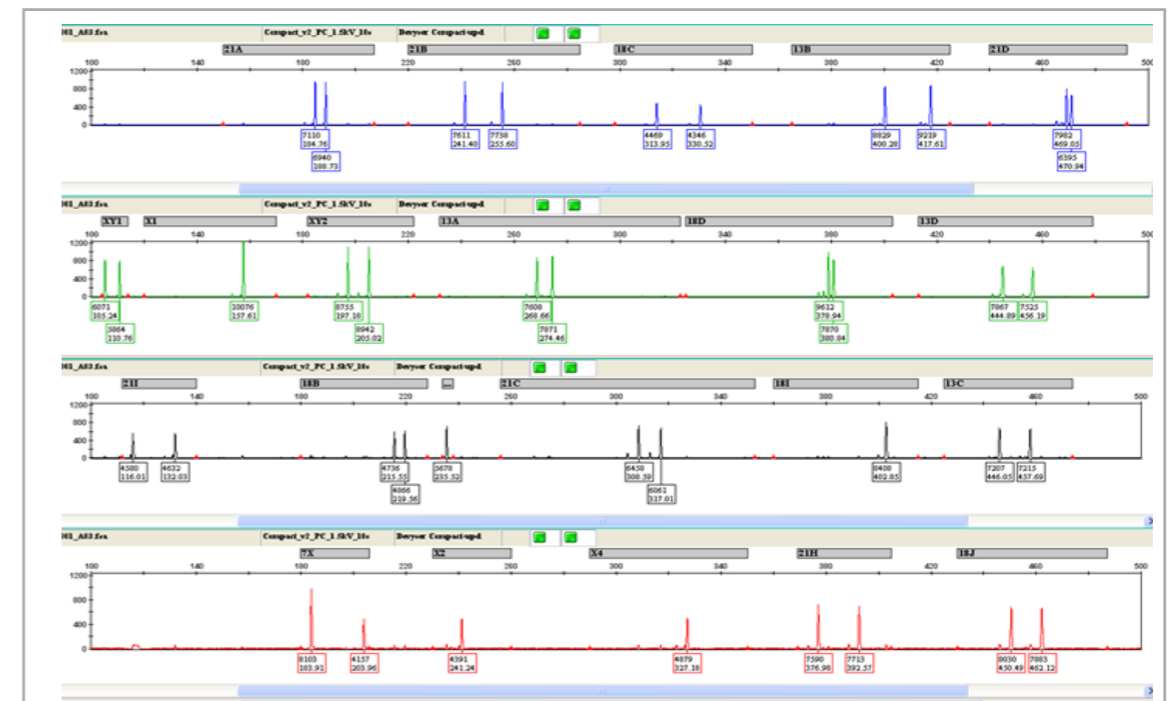
All reagents needed to perform QF-PCR are provided in a single kit with pre-validated protocols for the most common PCR machines and genetic analyzers.

FEWER RE-RUNS

Devyser's excellent assay performance and large number of highly informative markers significantly reduces the number of re-runs.

COST-EFFICIENCY

This very simple procedure requires less than 90 minutes hands-on time from sample to results.



QF-PCR. Short tandem repeat (STR) sequences with high heterozygosity are amplified using PCR. Each STR on a specific chromosome has a unique length. PCR fragments are size separated and the relative intensity of each fragment is calculated from the chromatogram generated. The Devyser kits also includes non-variable markers for relative chromosomal quantification.

Devyser flowchart

Estimated time needed for complete processing of 8 samples

Work-module	Hands-on time	Total time
DNA extraction	20 - 45 min	20 - 45 min
PCR amplification	10 min	2 hrs 45 min
PCR fragment detection	15 min	1 hr
Results Analysis	30 min	30 min
Total procedure	< 1 hr 30 min	< 4 hrs 45 min

EASY HANDLING

All reagents are ready to use, pre-aliquoted or in bulk packaging, reducing the time needed for PCR set-up and the risk of contamination.



EASY RESULTS INTERPRETATION

Devyser Complete is delivered with the intuitive Devyser Decision Base software. GeneMapper plugins for easy results interpretation are also available for all kits.

TRUE DETECTION OF TURNER SYNDROME

Unique, dedicated markers for true detection of Turner syndrome is included in all Devyser QF-PCR kits.

Productlist

Reagent kits:	Description:	# tests	Item#
Devyser Complete	Ready-to-use reagents with 7 markers/chromosome (13, 18, 21, XY). The 54 test kit includes Non-Template and Positive Controls.	54 (6x9) 100 (2x50)	8-A011-54 8-A011-100
Devyser Compact	Ready-to-use reagents with 22 genetic markers for chromosomes 13, 18, 21 and XY in one reaction mix.	50 (1x50) 100 (2x50)	8-A017-50 8-A017-100
Devyser Resolution	Ready-to-use reagents with 7-9 genetic markers for chromosomes 13, 18, 21 and 13 markers for chromosomes XY. Separate analysis of chromosomes.	100 (4x25)	8-A012
Devyser Resolution 13	Ready-to-use reagents with 7 genetic markers for chromosome 13	25 (1x25)	8-A012-13
Devyser Resolution 18	Ready-to-use reagents with 7 genetic markers for chromosome 18	25 (1x25)	8-A012-18
Devyser Resolution 21	Ready-to-use reagents with 9 genetic markers for chromosome 21	25 (1x25)	8-A012-21
Devyser Resolution XY	Ready-to-use reagents with 13 genetic markers for chromosomes XY	25 (1x25)	8-A012-XY
Software:			
Devyser Decision Base			8-A001

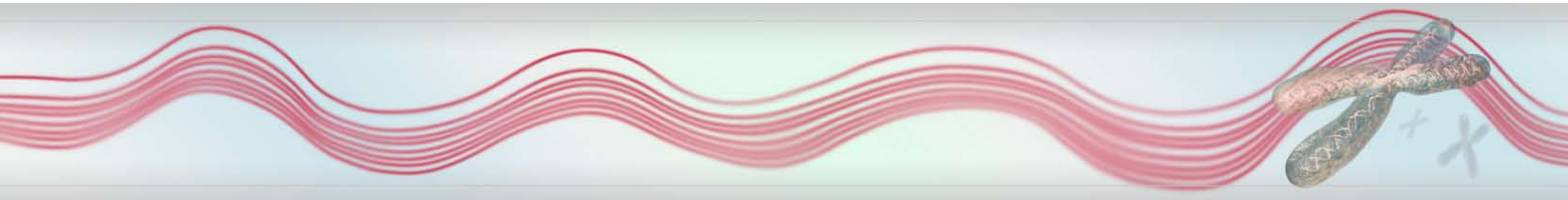


Visit us at:
www.devyser.com



Devyser QF-PCR

• Accuracy • Speed • Ease-of use™



ABOUT DEVYSER AB

Devyser AB is specialized in the development, manufacturing and sales of diagnostic kits and reagents based on DNA analytical procedures, including PCR. Our product developers and manufacturing staff are among the most experienced in the industry with well over a decade's experience of developing and manufacturing diagnostic PCR kits. Devyser AB is based in Stockholm, Sweden.