



Devyser Complete

Rapid prenatal aneuploidy detection

Devyser Complete is a CE-IVD kit that enables rapid prenatal aneuploidy detection of chromosomes 13, 18, 21 and XY.

The kit includes the analysis of 33 genetic markers. It is suitable for laboratories that frequently analyze samples that require analysis of a large numbers of markers to reduce reflex testing.

Rapid prenatal aneuploidy analysis of chromosomes 13, 18, 21, X and Y

Prenatal diagnosis of the most common autosomal and sex chromosome aneuploidies.

No tissue culture needed

QF-PCR requires only minute amounts of tissue material. This eliminates misdiagnosis due to maternal contamination and cell overgrowth associated with tissue culture.

Aneuploidy analysis using 33 genetic markers

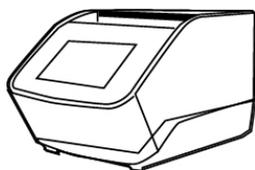
33 genetic markers in two multiplex PCR reactions. Each mix includes a cross-mix ID marker to minimize the risk of sample mix-up.

Simple QF-PCR workflow



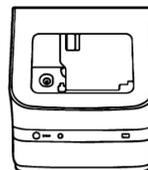
Sample preparation

Low amount of genomic DNA required



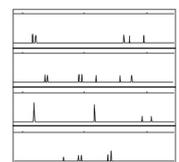
PCR amplification

Multiplex PCR using primers designed to amplify the DNA sequences specific to each chromosome of interest



Capillary electrophoresis

Analyze size of amplified DNA fragments on a Genetic Analyzer



Data interpretation

Separate and identify DNA fragments based on size and color

Key features and benefits of Devyser Complete

- 33 highly informative genetic markers
- Analysis is performed using two separate PCR mixes including cross mix ID markers in both mixes to reduce the risk of sample mix-up.

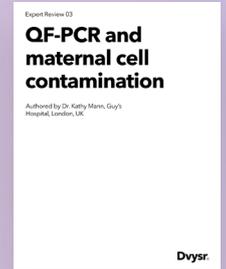
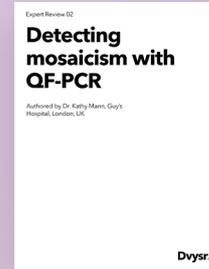
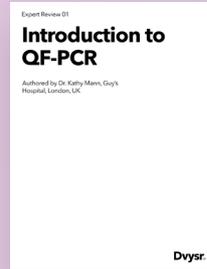
Rapid detection of the following syndromes

- Turner (using two dedicated X-chromosome counting markers)
- Down
- Edwards
- Patau
- Klinefelter

Discover our Expert Reviews on rapid aneuploidy testing:

01. Introduction to QF-PCR
02. Detecting mosaicism with QF-PCR
03. QF-PCR and maternal cell contamination

devyser.com/resources/whitepapers



Article numbers

- Devyser Complete CE-IVD kit
25 tests (8-A011.2-25)
50 tests (8-A011.2-50)
100 tests (8-A011.2-100)
- Devyser Complete RUO kit
25 tests (8-A011.2-25-RUO)
50 tests (8-A011.2-50-RUO)
100 tests (8-A011.2-100 -RUO)

Accessories

- 560 SIZER ORANGE
8-A402
- Devyser DEV-5 Dye-set
8-A401 (MultiCap)
8-A400 (SingleCap)

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