



Devysr Compact

Rapid prenatal aneuploidy detection

Devysr Compact enables rapid prenatal aneuploidy detection of chromosomes 13, 18, 21 and XY in a single PCR mix.

In addition to detecting Down, Edwards, Patau and Klinefelter syndromes, the Devysr Compact kit includes our patented technology for reliable diagnosis of Turner syndrome, using two dedicated X-chromosome counting markers. The CE-IVD certified Devysr Compact kit relies on quantitative, multiplex PCR amplification of 26 highly informative genetic markers in a single mix for rapid prenatal diagnosis of the most common autosomal and sex chromosome aneuploidies.

Detects chromosomal aneuploidies and maternal cell contamination (MCC)

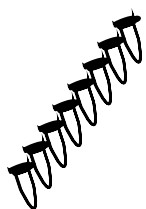
Efficient and sensitive detection of chromosomal aneuploidies and maternal cell contamination (MCC) in DNA samples prior to microarray analysis.

Single-tube PCR

Devysr Compact relies on a single-tube PCR which minimizes hands-on time, analysis time and the risk of sample mix up.

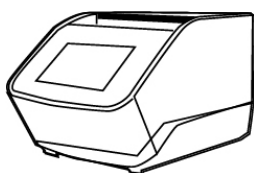
CE-IVD validated workflow

Standardised and validated routine workflow according to the European Regulations and guidelines.



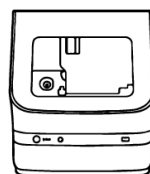
Sample preparation

Low amount of genomic DNA required



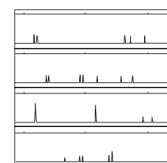
PCR amplification

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 Compact

- 26 highly informative genetic markers in one mix
- Efficient and sensitive detection of chromosomal aneuploidies and maternal cell contamination (MCC) in DNA samples prior to microarray analysis.
- No sample mix-up. One single tube per sample during PCR and detection reduces the risk of sample mix-up.
- Quick and easy implementation. All reagents needed to perform QF-PCR are provided in a single kit.

Rapid detection of the following syndromes

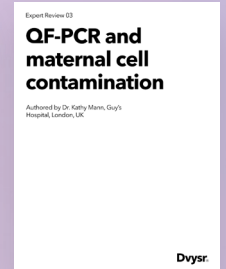
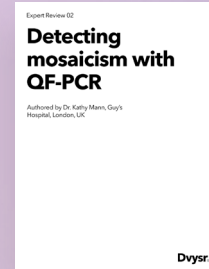
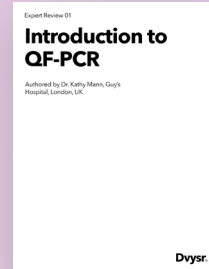
- Turner (using two dedicated X-chromosome counting markers)
- Down
- Edwards
- Patau
- Klinefelter

Dvysr[®]

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 Compact CE-IVD kit
25 tests (8-A017.3-25)
50 tests (8-A017.3-50)
100 tests (8-A017.3-100)
- Devyser Compact RUO kit
25 tests (8-A017.3-25-RUO)
50 tests (8-A017.3-50-RUO)
100 tests (8-A017.3-100 -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.

www.devysr.com