ChromoQuant® QF PCR kit

Optima PLUS

Detection of aneuploidy in chromosomes 15, 16, 22

Optima STaR PLUS

For detection of aneuploidy in chromosomes 13,15,16,18,21,22 and X/Y

The ChromoQuant® **Optima PLUS** QF-PCR kit is used for fast and accurate diagnosis of the most common aneuploidies causing pregnancy loss

Key advantages

- Simple lab worklow <6h, enabling a "time to reply" of less than 24 hours
- High number of genetic markers for maximal speed and accuracy
- GeneMapper and GeneMarker panel templates are available
- No tissue culture
- Detection of maternal contamination eliminates risk of misdiagnosis
- Flexibel solution in combination with other ChromoQuant Optima kits.

High flexibility

ChromoQuant® Optima PLUS with markers for chromosomes 15, 16 and 22 can be purchased separately or in combination with ChromoQuant STaR Optima or other ChromoQuant Optima kits as preferred.

High specificity

ChromoQuant® **Optima PLUS**, 15 markers in total for Chr. 15, 16 and 22, <u>single tube</u>
ChromoQuant® **Optima STaR PLUS**,
37 markers in total for Chr. 13, 15, 16, 18, 21, 22, X and Y, <u>duplex test</u>.

Interpretation of results

GeneMarker and GeneMapper templates for easy interpretation and reporting are available as downloads.

CyberGene Quality document MKT-34 Q07-206 version 2.0



Product specification

CYBERGENE

Intended Use Optima PLUS ChromoQuant® Optima PLUS: For detection of trisomy

in chromosomes 15, 16 and 22. Used for analysing

reasons for miscarriages.

Combi kit Optima STaR

PLUS

ChromoQuant® Optima STaR PLUS: For detection of aneuploidy in chromosomes 13,15,16,18,21,22 and X/Y

Complies with best practice Yes.

guideline

QF-PCR test for diagnosing aneuploidy in Optima PLUS

Chr. 15, 16 and 22. 15 markers in total.

QF-PCR test for diagnosing aneuploidy in

Optima STaR PLUS Chr. 13, 15, 16, 18, 21, 22, XY.

37 markers in total.

PCR:

The markers for chromosomes 15, 16 and 22 are

Optima PLUS amplified in one tube.

The markers for Chr. 13, 18, 21, XY and Chr. 15, 16, 22

Optima STaR PLUS are amplified separated in two tubes.

Number of markers:

5 STR markers for each Chr. 15, 16 and 22

Markers Optima PLUS

5 markers for Chr. 13 and 18

Markers Optima STaR PLUS 6 markers for Chr. 21

6 markers for X and Y. Marker for Turner X0 included. 5

STR markers for each chromosome 15, 16 and 22

Kit size:

26 tests (Optima PLUS, P/N 531.001-26) **Optima PLUS**

26+26 (Optima STaR PLUS, P/N 514.531-26) **Optima STaR PLUS**

CE-marked for IVD use

Capillary Electrophoresis **Detection format**

Validated Sequencers Data ABI 310, 3100, 3130, 3730, 3500, SegStudio

Interpretation Detection GeneMapper and GeneMarker plugins are available

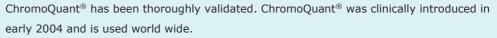
CyberGene AB Banvaktsvägen 22 SE-171 48 Solna Sweden

Telephone: +46 8 608 23 90

Sales support: sales@cybergene.se

Technical support: Chromoquant@cybergene.se

www.cybergene.se



ChromoQuant® is CE marked in accordance with the IVD Directive 98/79/EC and produced by CyberGene AB under quality system ISO 13485.



About CyberGene AB

CyberGene AB is a Swedish company, active in the MedTech field by developing, manufacturing and selling In Vitro diagnostic products. ChromoQuant is a registered trademark of CyberGene AB.

