





ChromoQuant® QF PCR kit

View Protocol

Optima XY

Detection of aneuploidy in chromosomes X and Y



- Aneuploidy in the sex chromosomes
- Klinefelter syndrome (XXY)
- Turner syndrome (X0)
- Sex determination
- Deletion on the short arm of chromosome X

Key advantages

- Single tube test with markers only for chromosomes X and Y
- 13 sex chromosome markers in total
- X Chr. markers on short and long arm of the chromosome
- 2 Y chromosome markers
- Turner X0 verifying TAF9B marker
- Taq polymerase included, ready to use
- DNA source: Blood/Saliva/mouth swab/Amniotic fluid/CVS
- Detection of maternal contamination eliminates the risk of misdiagnosis
- Results are achieved within 6 hours enabling a "time to reply" of less than 24 hours.
- Used in prenatal testing or other types of human DNA tests
- The ChromoQuant® kits are validated for all sequencers from Life Technologies/
 ThermoFisher Scientific

High Flexibility

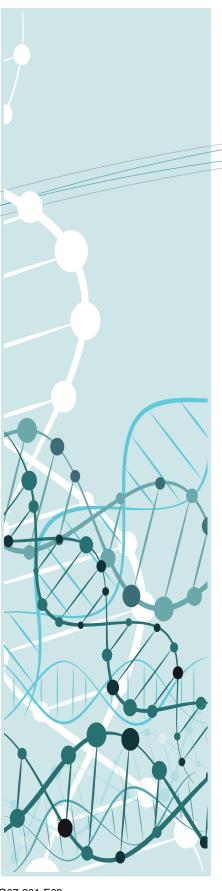
The Optima XY kit can be used as a complement to the ChromoQuant AZF kit in order to diagnose Klinefelter samples when investigating male infertility. It can also be used for verification purpose in combination with the ChromoQuant Optima prenatal tests.

High specificity

The Optima XY kit holds 13 unique genetic markers.

Interpretation of results

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







ChromoQuant Optima XY

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Intended Use IVD kit for diagnosing aneuploidy in chromosomes

X and Y

No. of markers 13 genetic markers in one PCR tube

Turner

DNA source Blood, saliva, mouth swab, amniotic fluid, CVS

Complies with Best **Practice Guidelines**

CE/IVD Yes

Ready to use Yes

Detection Capillary Electrophoresis

Validated for ABI CE instruments

Part No. 514.604, 26 tests





ChromoQuant® has been thoroughly validated. ChromoQuant® was clinically introduced in early 2004 and is used world wide.

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

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