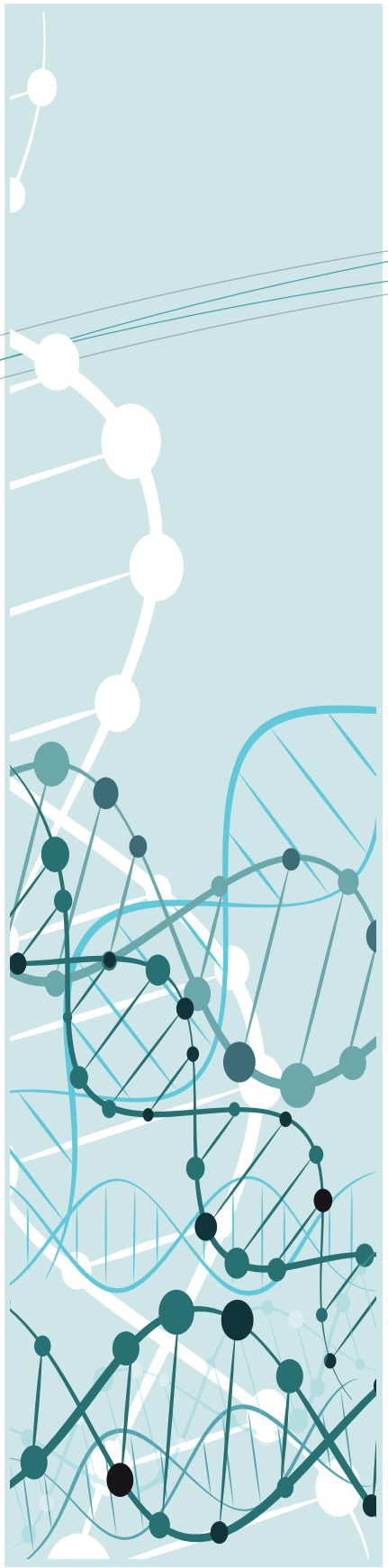
CYBERGENE AB

ChromoQuant® QF PCR kit

Optima XY

Detection of aneuploidy in chromosomes X and Y



IVD kit for fast and accurate diagnosis of:

- 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 specificity

The Optima XY kit holds 13 unique genetic markers.

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.

Interpretation of results

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

Visualizer STaR software

Visualizer™ STaR software is a powerful decision support. Visualizer™ STaR is free to all ChromoQuant® users. Gives objective interpretation of results based upon the Guidelines from CMGS; the Clinical Molecular Genetic Society.

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ChromoQuant Optima XY

Intended Use	IVD kit for diagnosing aneuploidy in chromosomes X and Y
No. of markers	13 genetic markers in one PCR tube

X	Y	XY	Turner
6	2	4	1

DNA source	Blood, saliva, mouth swab, amniotic fluid, CVS
Complies with Best Practice Guidelines	Yes
CE/IVD	Yes
Ready to use	Yes
Detection	Capillary Electrophoresis
Validated for	ABI CE instruments
Part No.	504.614-26

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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.

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.