

PRODUCT LIST

HEREDITARY DISEASES

PRODUCT NAME	DESCRIPTION	TECNHIQUE
HemochromaStrip	Three point mutations of HFE gene associated with Hemochromatosis: C282Y, H63D and S65C	Hybridization on Strip
ThromboStrip	Three point mutations associated with thrombosis: G1691A mutation in Factor V; G20210A mutation in PTB; and C677T mutation in MTHFR	Hybridization on Strip
YchromStrip	Deletions in the chromosome Y related with male infertility: AZFa (sY84 and sY86), AZFb (sY127 and sY134) and AZFc (sY254 and sY255)	Hybridization on Strip

HLA ALLELES

PRODUCT NAME	DESCRIPTION	TECNHIQUE
HLA B5701 Strip	HLA B*5701 alleles, associated with hypersensitivity to abacavir, used for the treatment to HIV-1 infection. The detection of a SNP in the HCP5 gene increases the performance of the test	Hybridization on Strip
HLA B27 Strip	HLA B*27 alleles, associated with a wide range of pathologies such as ankylosing spondylitis, acute anterior uveitis, reactive arthritis, and inflammatory bowel disease	Hybridization on Strip

FOOD INTOLERANCES

PRODUCT NAME	DESCRIPTION	TECNHIQUE
CeliacStrip	Presence or absence of all the alleles of the haplotypes that encode HLA-DQ2 (cis and trans position) and HLA-DQ8	Hybridization on Strip
LactoStrip	Two MCM6 gene polymorphisms associated with the persistence of lactase activity in adults: C/T 13910 and G/A 22018	Hybridization on Strip

INSTRUMENTATION

PRODUCT NAME	DESCRIPTION
Strip Reader BLOTriX R2	Allows the objective scanning of up to 8 different test strips in just one-step
Strip reader BLOTriX S1	Allows the objective scanning of up to 48 different test strips in just one-step
Microplate thermoshaker	Used for the manual hybridization protocol in the Hybridization on Strips products

A wide experience, which goes back to 1973, supports the quality of our products

OPERON was established as a Spanish private Research and Development laboratory in the field of immunochemistry.

Nowadays, we are exporting more than 90% of our products all over the world.



Diagnosing your needs



Antibodies and antigens



Lateral flow tests



Molecular diagnostics tests



Contract Manufacturing

Our know-how makes **YOUR** difference

We are a pioneer IVD company certified to the quality management system standards ISO 13485.

Our know-how enables us to be highly focused to most exigent international IVD regulations, and our products are CE marked.



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MOLECULAR DIAGNOSTICS

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Rev. 4



PRODUCT LIST

PATHOGENS ASSOCIATED TO STD

PRODUCT NAME	DESCRIPTION	TECHNIQUE
STD Panel Strip	10 pathogens associated to STD <i>C. trachomatis</i> (discriminating variants L1, L2 and L3, that cause lymphogranuloma venereum), <i>N. gonorrhoeae</i> , <i>M. genitalium</i> , <i>T. vaginalis</i> , <i>U. parvum</i> , <i>U. urealyticum</i> , <i>M. hominis</i> , HSV 1, HSV 2, and <i>T. pallidum</i>	Hybridization on Strip
High PapillomaStrip	19 human <i>Papillomavirus</i> subtypes of medium-high risk (E6/E7 region)	Hybridization on Strip
High+Low PapillomaStrip	37 human Papillomavirus subtypes: 19 of medium-high risk and 18 of low-risk (E6/E7 region)	Hybridization on Strip

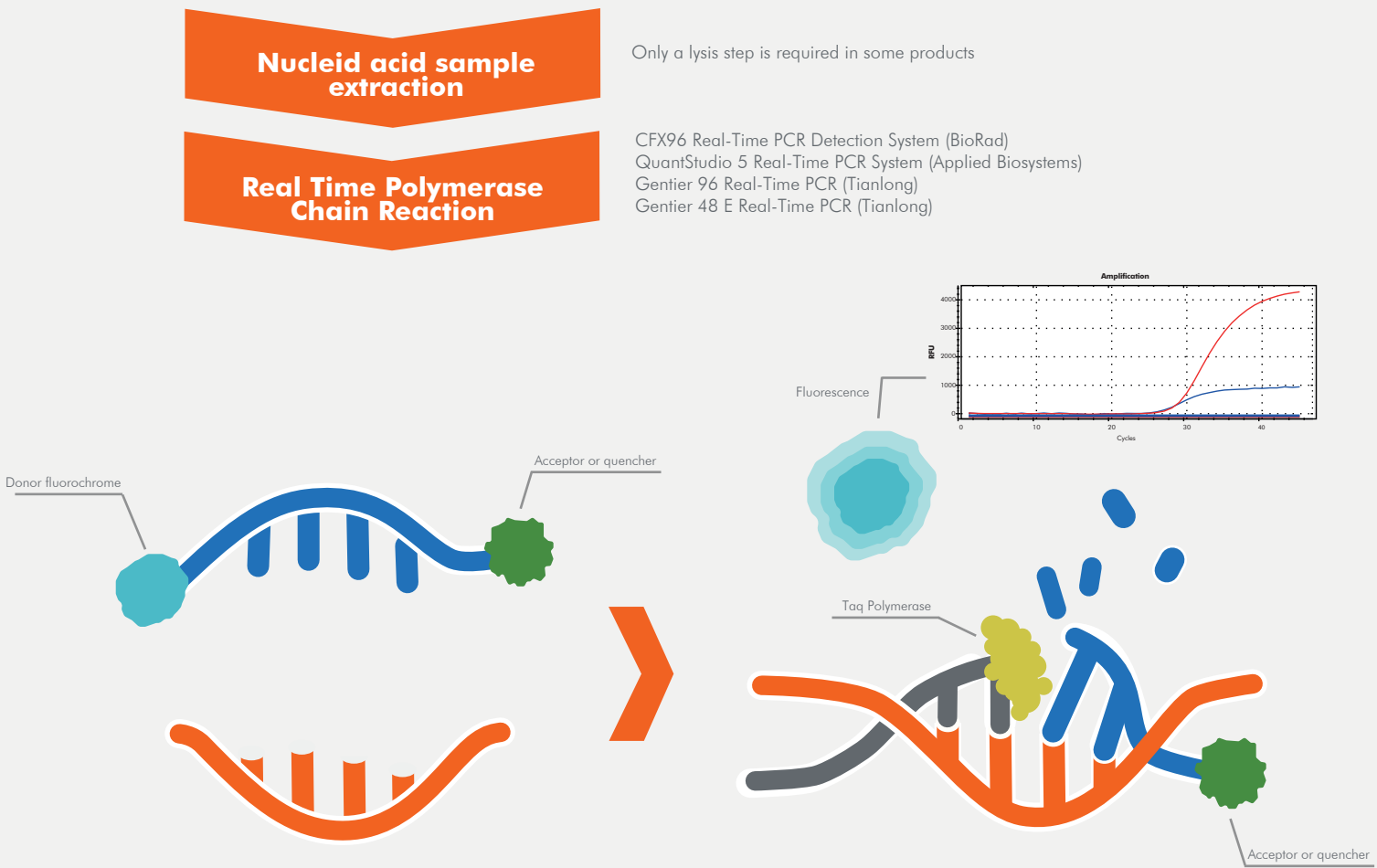
RESPIRATORY INFECTIONS

PRODUCT NAME	DESCRIPTION	TECHNIQUE
S. PneumoStrip	76 different serotypes of <i>S. pneumoniae</i>	Hybridization on Strip
Bacterial Resp. Panel	14 bacterial pathogens associated with respiratory infections <i>S. pneumoniae</i> , <i>B. pertussis</i> , <i>B. paraptussis</i> , <i>B. holmesii</i> , <i>Legionella spp</i> (differentiating <i>L. pneumophila</i> , <i>L. micdadei</i> , <i>L. longbeachae</i> and <i>L. bozemanae</i>), <i>M. pneumoniae</i> , <i>C. pneumoniae</i> , <i>H. influenzae</i> (differentiating serotype b from non-b) and <i>M. catarrhalis</i>	Hybridization on Strip
Real Respiratory Bacterial Panel 2	Differential detection of <i>B. pertussis</i> , <i>B. paraptussis</i> and <i>B. holmesii</i>	Real time PCR
Real SARS-CoV-2	E gene and orf1ab gene of SARS-CoV-2, and endogenous human gene as control	Real time PCR
Real SARS-CoV-2 PLUS*	N gene, E gene and orf1ab gene of SARS-CoV-2, and endogenous human gene as control	Real time PCR
Real SARS-CoV-2/Flu/RSV*	SARS-CoV-2, Flu A/B and RSV A/B and endogenous human gene as control	Real time PCR

*RNA Extraction is not needed

PCR REAL TIME

GENERAL PROCEDURE

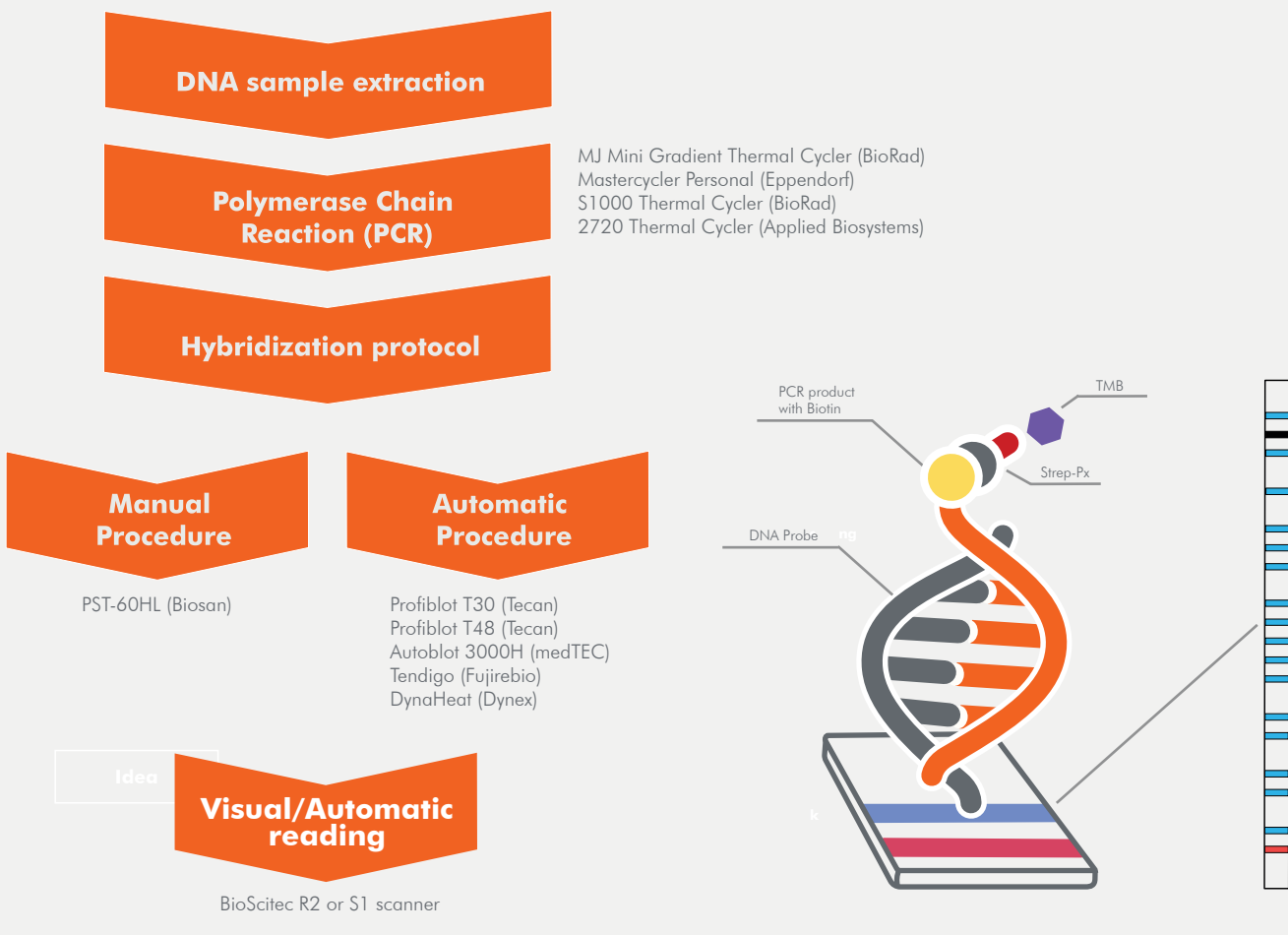


HIGHLIGHTS

- All the reagents are ready to use.
- Kits include all required reagents, even PC and NC in PCR rt products.
- Endogenous internal control included for confirmation of nucleic acid extraction, retrotranscription (if required) and amplification.
- 2-8 °C transport, -20 °C storage
- Up to 4 analytes in the same test.
- No extraction needed in some products.
- Short execution time.
- 18 months of shelf-life.
- High sensitivity and specificity.
- Same PCR protocol for all the products.
- CE IVD marked.
- Many different types of validated samples.
- Compatible with several real time PCR instruments.

HYBRIDIZATION ON STRIP

GENERAL PROCEDURE



HIGHLIGHTS

- All the reagents are ready to use.
- Kits include all the PCR and hybridization reagents, even the Taq Polymerase.
- Internal controls of amplification and hybridization included.
- 2-8 °C transport and storage.
- Scanner reading available.
- The hybridization procedure can be performed both manual or automatically.
- 18 months of shelf-life.
- High sensitivity and specificity.
- Same hybridization protocol for all the products.
- CE IVD marked.
- Many different types of validated samples.
- Up to 24 lines in the same strip.