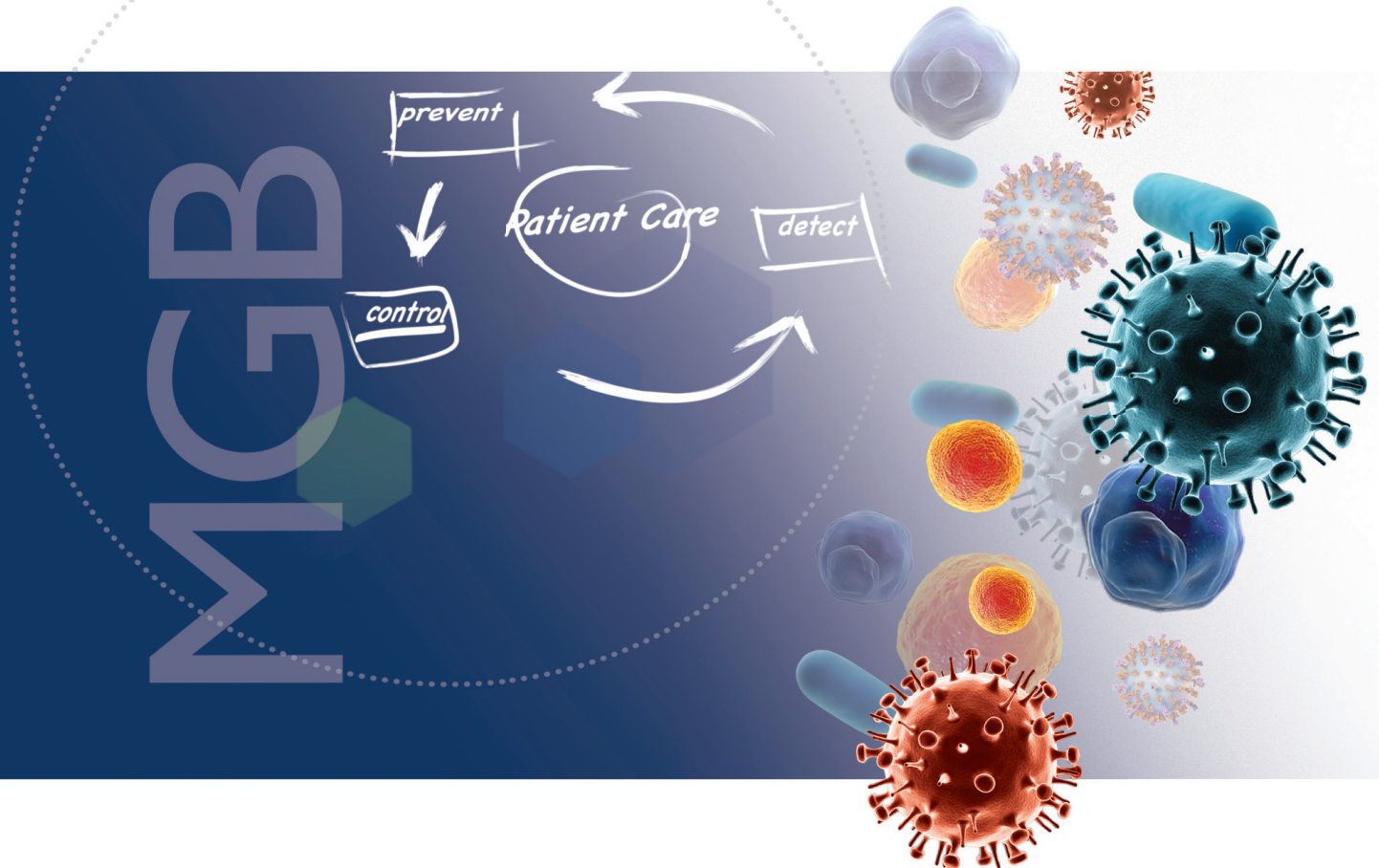




Real-Time PCR Assays for
Viral and Bacterial Respiratory Infections Diagnosis

RV & RB ELITe MGB® Panels



MULTIPLEX design for Influenza A, Influenza B, RSV A/B
and *M.pneumoniae*, *C.pneumoniae* & *L.pneumophila* detection

HIGH PERFORMANCE assays

IMPROVED WORKFLOW with the ELITe InGenius® system

BETTER respiratory infections diagnosis

Respiratory infections are common causes of morbidity and mortality worldwide, requiring different treatments if they are induced by viruses or bacteria. Symptoms of respiratory infections are similar, non-specific, and not sufficient to clearly identify the causative agent. Molecular methods are the most efficient solutions to identify the right pathogen and provide an adapted patient treatment.

Respiratory Viral ELITe MGB® Panel & Respiratory Bacterial ELITe MGB® Panel are two multiplex real-time PCR assays for the detection of Influenza A, Influenza B, Respiratory Syncytial Virus and *Mycoplasma pneumoniae*, *Chlamydia pneumoniae*, *Legionella pneumophila*. In combination with ELITe InGenius, ELITechGroup's fully automated sample to-result solution, these focused panels enable the laboratories to accurately detect the main respiratory pathogens.

Multiplex assay design

- Two focused panels for the detection and the differentiation of Influenza A, Influenza B, Respiratory Syncytial viruses A/B, and *M.pneumoniae*, *C.pneumoniae*, *L.pneumophila* along with an internal control
- Validated with throat and nasal swabs or bronchoalveolar lavage (BAL)
- Single, parallel or reflex use testing depending on patient's conditions, and viruses seasonality

High performance

- Perfect detection of QCMD 2017 respiratory panel: 100% concordance
- Excellent clinical sensitivity: 100% for Influenza B, RSV, *M.pneumoniae*, *C.pneumoniae*, *L.pneumophila*, and 96% for Influenza A
- Excellent clinical specificity: 100% for all targets

Improved workflow

- Fully automated, cassette based sample-to-result solution to perform all the steps of Molecular Diagnostics from extraction to result analysis
- Fast turnaround-time in 2h40, and limited hands-on time: less than 2 minutes per sample
- Storage of extracted nucleic acid for retesting, additional molecular testing or archiving

Better respiratory infections diagnosis

- Cost-effective solution, avoiding multiple and unnecessary laboratory tests
- Improve antibiotics use, limiting empirical treatment and resistance emergence
- Effective patient treatment

Ordering information

Reference	Product	Quantity
RTS548ING	Respiratory Viral ELITe MGB® Panel (<i>Flu A, Flu B, RSV</i>)	96 tests
CTR548ING	Respiratory Viral-ELITe Positive Control	12 tests
RTS553ING	Respiratory Bacterial ELITe MGB® Panel (<i>M.pneu, C.pneu, L.pneu</i>)*	96 tests
CTR553ING	Respiratory Bacterial-ELITe Positive Control*	12 tests
IC500	500-Internal Control	96 tests

*CE-IVD on going

ELITechGroup Molecular Diagnostics, a major innovator in the molecular diagnostics market, offers comprehensive Real-Time PCR products and solutions for diagnosis and monitoring of viral and microbiological infections.



ELITechGroup is certified by DEKRA and applies a quality management system in compliance with ISO 9001:2008 and EN ISO 13485:2012

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