

CLART® PneumoVir

Detection of respiratory viruses

● VIRUSES DETECTED :

Adenovirus	Bocavirus
Metapneumovirus A	Coronavirus 229E
Metapneumovirus B	Enterovirus
Parainfluenza 1	
Parainfluenza 2	
Parainfluenza 3	
Parainfluenza 4 subtyping: Parainfluenza 4 A Parainfluenza 4 B	Influenza A, subtyping: Seasonal H1N1 Seasonal H3N2 New H1N1
Rhinovirus	
RSV A	Influenza B
RSV B	Influenza C

● MAIN ADVANTAGES OF RESPIRATORY VIRUS DETECTION :

- ▶ Co-infections of several types and subtypes can be detected in the same assay.
- ▶ Avoids unnecessary treatments and long hospitalizations.
- ▶ Allows virus prevalence studies.

● FEATURES :

- Types an Influenza complete panel including: seasonal Influenza A H1N1 and H3N2, generic Influenza A and New Influenza A H1N1.
- The kit is validated for both, automatic and manual DNA/RNA extraction, of BAL, Nasopharyngeal washes and Nasopharyngeal swabs.
- High sensitivity and specificity.
- Two quality controls included per sample:
 - **Amplification control:** avoids false negative results.
 - **Biotin markers:** check the proper performance of the visualization reagents provided with the kit.

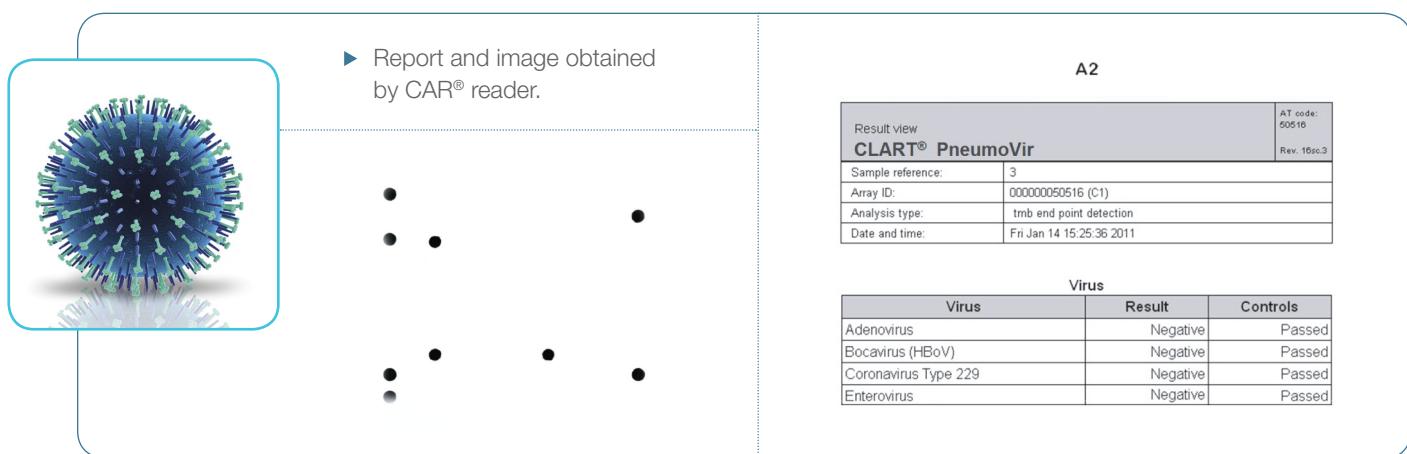
- Each virus type is detected in triplicate avoiding unspecific bindings.
- Results are obtained within a working day.
- Compatible with any GENOMICA automation system.

DATA MANAGEMENT :

- Automatic reading and interpretation of results (CAR®).
- User-friendly report format (html, bmp).
- Samples are processed individually and three complementary reports are generated.
- Every report generated can be stored, exported and printed.



REPORTING RESULTS :



ORDERING REFERENCES AND CONTACT DETAILS :

CLART® PneumoVir Extraction

48 tests: AT-0507-48

CLART® PneumoVir Amplification

48 tests: AT-0607-48-MT

CLART® PneumoVir Visualization

48 tests: CS-0408-48

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3. "Myocarditis Caused by Human Parainfluenza Virus in an Immunocompetent Child Initially Associated with 2009 Influenza A (H1N1) Virus". *Journal of Clinical Microbiology*, May 2011, p. 2072-2073
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5. "Evaluation of viral co-infections in hospitalized and non-hospitalized children with respiratory infections using microarrays". *Clin Microbiol Infect*, 10.1111/1469-0891.12015.
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7. "Broad Respiratory Virus Detection in Infants Hospitalized for Bronchiolitis by Use of a Multiplex RT-PCR DNA Microarray System". *Journal of Medical Virology* 84:979-985 (2012)

- CLART® PneumoVir: Essential features of CLART® PneumoVir are protected by Patent Families of International PCT Patent application WO2009144497.
- CLART® PneumoVir kit, accomplish with all the normatives described in EU 98/79/CE for IVD.

