

Instrument read tests

QuikRead go® is a versatile point of care system used together with the ready-to-use tests for measuring concentration of e.g. CRP, CRP+Hb and for detecting Strep A. SD BIOSENSOR STANDARD™ F test system offers comprehensive respiratory pathogen portfolio for the detection of SARS-CoV-2, influenza, RSV, Strep A, *Legionella*, adenovirus and *Streptococcus pneumoniae*.

Visually read tests

Wide range of visually read antigen tests for the detection of SARS-CoV-2, influenza, RSV, Strep A, *Legionella*, adenovirus, *Streptococcus pneumoniae*, infectious mononucleosis and *Mycoplasma pneumoniae*.

For more detailed information, please consult the instructions for use.

References

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Respiratory tract infections.

Tools for the correct diagnosis



AIDIAN

Rapid and simple diagnostic tests for respiratory tract infections.



Infections in respiratory tract are one of the most common reasons why people visit healthcare professionals¹. However, as the symptoms and signs of influenza, COVID-19 and other respiratory infections somewhat overlap, the correct diagnosis of the infection is critical. A swift diagnosis ensures the right treatment and minimal spread of the infection. Correct diagnosis also reduces unnecessary antibiotic prescribing. Aidian offers a wide range of visually read and instrument read rapid tests for the detection of influenza, SARS-CoV-2 and other respiratory infections.

C-reactive protein (CRP)

Accurate and rapid CRP point of care testing aids in the clinical management of patients with symptoms of infection. Measuring CRP increases diagnostic certainty, guides appropriate antibiotic prescribing and aids in ruling out severe bacterial infections²⁻⁴.

Viruses

Adenovirus

Adenovirus can cause illnesses from common cold to sore throat, but it can also cause pneumonia, acute gastroenteritis, and neurological diseases⁵. Adenovirus rapid tests help to identify the cause of the symptoms as the symptoms of respiratory adenoviral infection may be difficult to differentiate from other respiratory infections.

Respiratory syncytial virus (RSV)

RSV is a leading cause of respiratory tract infections and it accounts for more than 60% of acute respiratory tract infection cases among young children^{6,7}. RSV is often associated with high morbidity and mortality rates among children as well as the elderly and immunocompromised patients. As the symptoms are very similar to other viral infections, RSV rapid tests assist in detection of the cause of the illness.

Infectious mononucleosis

Infectious mononucleosis is a contagious disease usually caused by Epstein-Barr virus (EBV) and it is common among teenagers and young adults⁸. With rapid mononucleosis test, EBV can easily be detected from whole blood, fingerstick whole blood, serum or plasma.

Influenza

Influenza is one of the leading causes of acute respiratory infections⁹. Despite the seasonal vaccination against influenza, the infections represent a considerable public burden worldwide. This is due to continuous antigen changes in the surface glycoproteins of influenza virus, which reduce the effectiveness of vaccination¹⁰. Influenza rapid tests help to quickly differentiate the cause of the illness making it easier to treat the patients accurately.

SARS-CoV-2

COVID-19 is the respiratory disease caused by SARS-CoV-2. People infected with SARS-CoV-2 will experience mild to moderate respiratory illness and most will recover without a need for special treatment. However, COVID-19 can sometimes cause a severe disease requiring intensive care. Older people and those with underlying medical conditions are more likely to develop serious illness.¹¹ COVID-19 can transmit easily, and rapid identification of infected persons aids in cutting transmission routes.

Bacteria

Streptococcus pyogenes

S. pyogenes, also called Strep A or GAS, is a significant cause of pharyngitis. Streptococcal pharyngitis is often difficult to distinguish from viral infection¹² and rapid tests offer fast and cost-effective way to detect Strep A infections accurately.

Legionella

Legionella may cause a serious type of pneumonia. The bacteria can grow in freshwater systems and spread through small droplets. Less commonly people can get sick also by aspiration of drinking water containing *Legionella*.¹³ Rapid test detects the *Legionella* antigens in urine specimens.

Mycoplasma pneumoniae

M. pneumoniae is a bacterium that is causing usually mild but long-lasting infections of the respiratory system. The most common type of illness caused by *M. pneumoniae* is tracheobronchitis, but it can also cause pneumonia¹⁴. Mycoplasma rapid tests detect the *M. pneumoniae* immunoglobulin M (IgM) antibody in serum samples.

Streptococcus pneumoniae

S. pneumoniae is often found in respiratory tract of healthy persons, especially the ones having school-aged children or persons in military settings¹⁵. Pneumonia, bacteremia and meningitis caused by *S. pneumoniae* most often occurs when predisposing condition exists.

Respiratory tract infections.

Tools for the correct diagnosis – Product list for the family brochure

Instrument read tests

| | Pack size | Product no. | Order no. |
|-------------------------------------|-----------|-------------|-----------|
| QuikRead go | | | |
| QuikRead go easy CRP | 50 tests | 153287 | 153287 |
| QuikRead go wrCRP+Hb | 50 tests | 146255 | 146255 |
| QuikRead go Strep A | 50 tests | 135883 | 135883 |
| QuikRead go Instrument | 1 pc | 135867 | 135867 |
| SD Biosensor STANDARD F | | | |
| STANDARD F COVID-19 Ag FIA | 25 tests | 10COV30D | 155048 |
| STANDARD F COVID/FLU Ag COMBO FIA | 25 tests | 10COV71D | 155049 |
| STANDARD F INFLUENZA A/B FIA | 25 tests | 10INF20D | 155078 |
| STANDARD F RSV FIA | 25 tests | 10RSV10D | 155079 |
| STANDARD F <i>S. pneumoniae</i> FIA | 25 tests | 10SPN10D | 155080 |
| STANDARD F <i>Legionella</i> Ag | 25 tests | 10LEG10D | 155104 |
| STANDARD F Adeno Respi Ag | 25 tests | 10ADE10D | 155105 |
| STANDARD F Strep A | 25 tests | 10STR10D | 155112 |
| STANDARD F COVID IgM/IgG COMBO | 40 tests | 10COV50G | 155147 |
| STANDARD F SARS-COV-2 nAB | 20 tests | 10COV80B | 155144 |
| STANDARD F200 Analyzer | 1 pc | 10FA20 | 155047 |
| STANDARD F2400 Analyzer | 1 pc | 10FA24 | 155046 |

Visually read tests

| | Pack size | Product no. | Order no. |
|--|-----------|-------------|-----------|
| SARS-CoV-2 Antigen | | | |
| SD Biosensor STANDARD Q COVID-19 Ag, Nasopharyngeal | 25 tests | 09COV30D | 154643 |
| SD Biosensor STANDARD Q COVID-19 Ag, Nasal | 25 tests | 09COV33D | 154825 |
| SD Biosensor STANDARD i-Q COVID/Flu Ag Combo Test | 25 tests | 09COV280D | 155253 |
| <i>Streptococcus pyogenes</i> (Strep A) | | | |
| Alltest Strep A Cassette test, blue | 20 tests | ISTB-502 | 155073 |
| Alltest Strep A Dipstick test, blue | 25 tests | ISTB-501 | 155072 |
| Influenza | | | |
| Meridian ImmunoCard STAT! FLU A&B, 32 tests + PC | 32 tests | 782030 | 152990 |
| CerTest Influenza A+B Combo Card, including control | 20 tests | Z882001PC | 149357 |
| Respiratory syncytial virus (RSV) | | | |
| Acro RSV Rapid Test Cassette | 20 tests | IRS-502 | 154593 |
| Meridian TRU RSV | 32 tests | 751330 | 146192 |
| CerTest RSV card with swabs, diluent and control | 20 tests | RV820001PC | 155189 |
| Infectious mononucleosis | | | |
| Alltest Mono Rapid Test Cassette, including control | 25 tests | IMO-402 | 155157 |
| <i>Streptococcus pneumoniae</i> | | | |
| CerTest <i>S. pneumoniae</i> including control | 20 tests | SN820201PC | 151593 |
| <i>Legionella</i> | | | |
| CerTest <i>Legionella</i> Card, including control | 20 tests | LP820201PC | 151592 |
| Meridian TRU <i>Legionella</i> | 30 tests | 751930 | 146195 |
| Adenovirus | | | |
| CerTest Adeno Resp. Card, including control | 20 tests | AP820001PC | 151589 |
| <i>Mycoplasma pneumoniae</i> | | | |
| Meridian ImmunoCard Mycoplasma | 30 tests | 709030 | 146186 |
| HISS ImmunoFLOW <i>Mycoplasma pneumoniae</i> IgM | 25 tests | 7005 | 141136 |
| Combo tests | | | |
| CerTest Influenza A+B/RSV/Adeno Resp. quad card, | 20 tests | ZV862001P | 146245 |
| CerTest <i>S. pneumoniae</i> + <i>Legionella</i> Combo card, including control | 20 tests | NL882201PC | 151594 |
| CerTest RSV+Adenovirus Resp. combo card with swabs, diluent and control | 20 tests | VR882001PC | 155190 |
| CerTest SARS-COV-2/FLU A+B/RSV quadr. card with swabs, vials and control | 20 tests | SV862001PC | 155191 |

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