

## Product highlights

Antigen rapid test for the direct detection of SARS-CoV-2 NP antigen

Rapid test result after 15 minutes

Lateral-Flow principle based

Test material: minimally invasive nasal swab (2.5 cm depth)

Very high sensitivity:

100% C<sub>f</sub>-Value ≤ 30.0 (95% CI 92%-100%)

Very high specificity 98% (95% CI 95%-99%)

Detection limit of 50 TCID<sub>50</sub>/ml

No cross-reactivity

The rapid antigen test is stable for up to 18 months at 4-30°C

Test performance at room temperature (15-30°C)

Please bring test material to room temperature first

Each test individually in a sealed foil pouch

Pack sizes:

5 Tests, including consumables

20 Tests, including consumables

CE-certified

## Ordering information

REF. 840003	Produkt: AESKU.RAPID SARS-CoV-2	Format: 5 Tests	Description: AESKU.RAPID SARS-CoV-2 is a patient-specific antigen rapid test for the direct detection of SARS-CoV-2 NP antigen in human nasal swab specimens.
REF. 840001	Produkt: AESKU.RAPID SARS-CoV-2	Format: 20 Tests	Description: AESKU.RAPID SARS-CoV-2 is a patient-specific antigen rapid test for the direct detection of SARS-CoV-2 NP antigen in human nasal swab specimens.

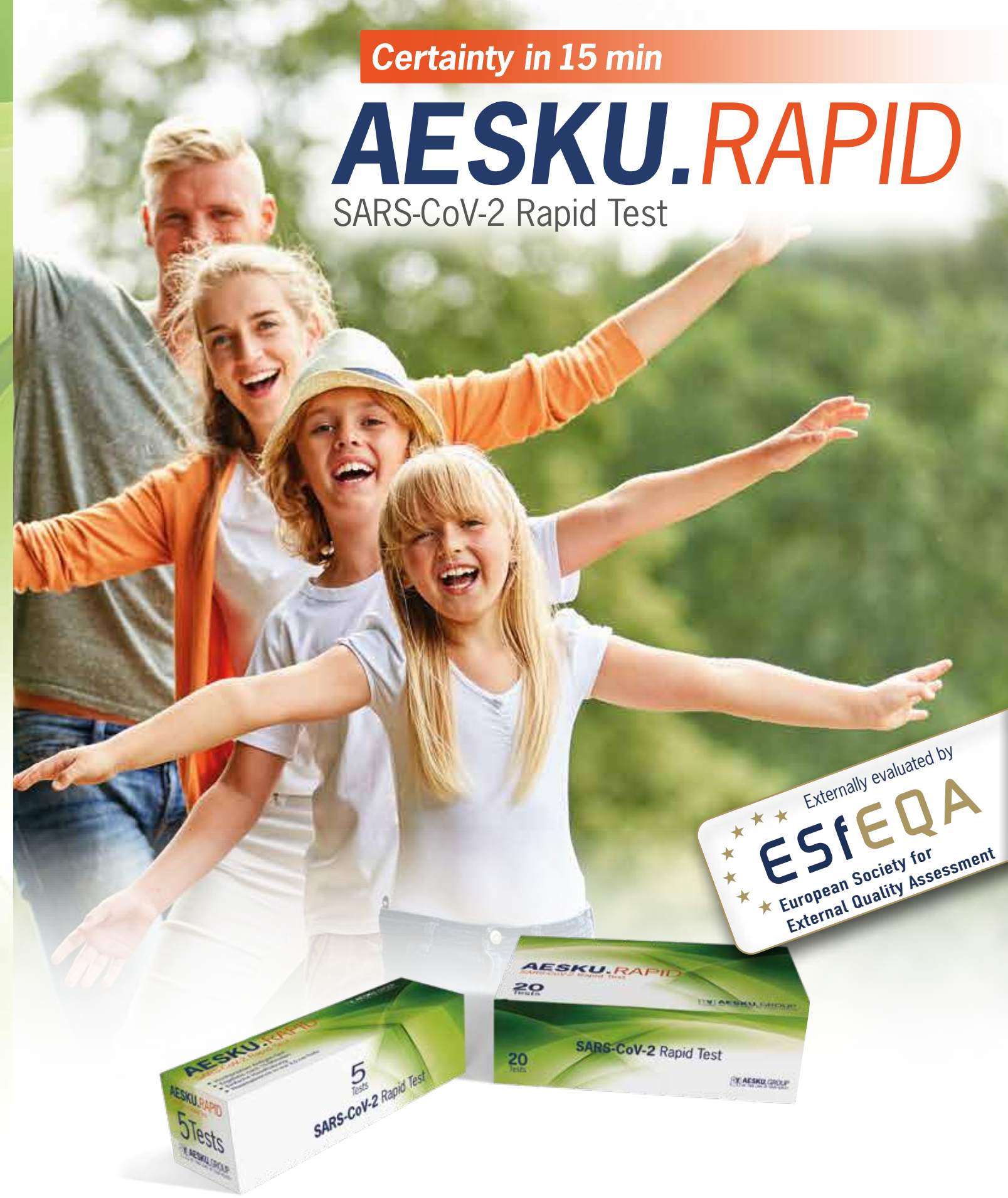
Stamping field



Certainty in 15 min

# AESKU.RAPID

## SARS-CoV-2 Rapid Test



**HIGH-PRECISION • FLEXIBLE • CONVENIENT**



# AESKU.RAPID

## SARS-CoV-2 Rapid Test

The **AESKU.RAPID** SARS-CoV-2 Rapid Test is based on immunochromatographic polymer technology combined with the sandwich principle for the qualitative detection of the nucleocapsid protein antigen in human nasal swab specimens. The specimen is placed in the test device's specimen well with colored polymer-labeled monoclonal SARS-CoV-2 antibody 1 and mixed along the nitrocellulose membrane chromatographed. If SARS-CoV-2 antigens are present in the sample, they bind to the SARS-CoV-2 antibody 1. The mixture then binds to the immobilized SARS-CoV-2 antibody 2 on the nitrocellulose membrane. The resulting complex of antibody 1, antigen, and antibody 2 forms the colored test line. The test device's control line is coated with secondary antibodies, which, under normal test procedure, a colored strip is drawn.

### ESfEQA Evaluation Study: AESKU SARS-CoV-2 Antigen Rapid Test

Version 003, December 2020

**AESKU.RAPID**

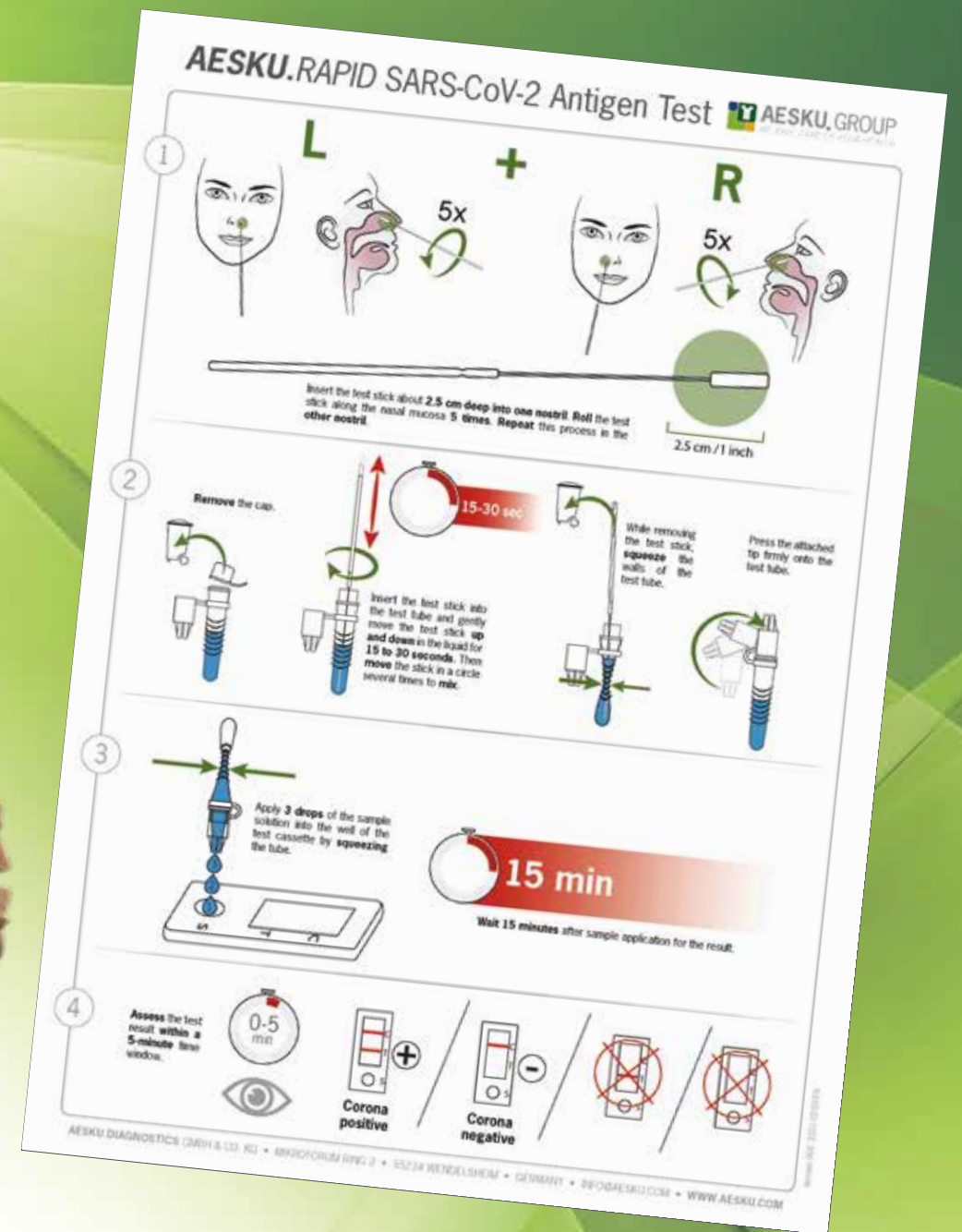
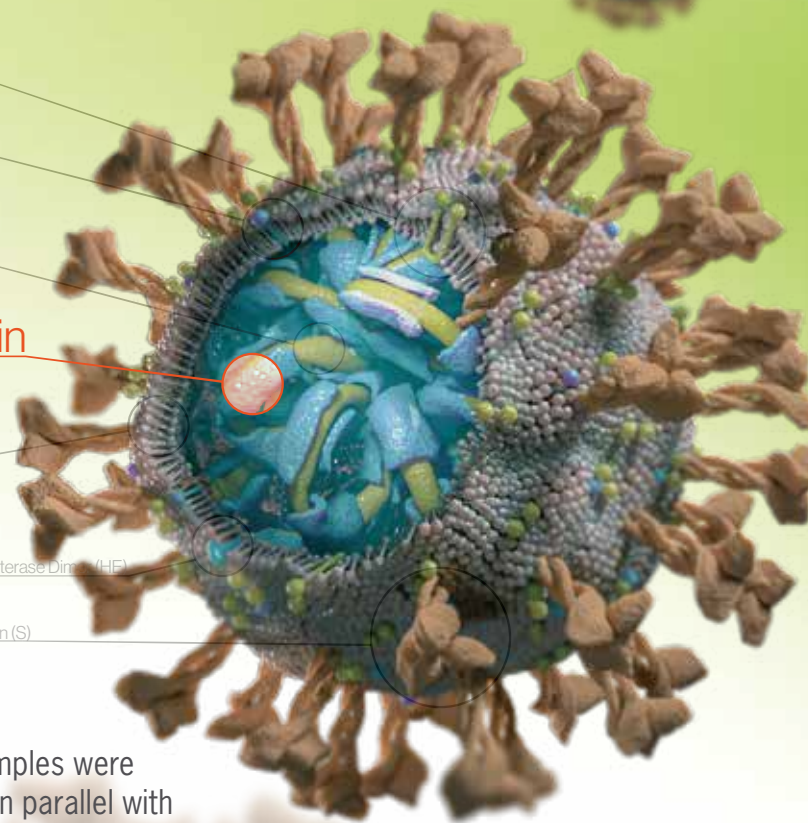
Sensitivity **100% C<sub>t</sub>-Value ≤ 30.0**  
(95% CI 92% - 100%)

Specificity **98% (95% CI 95% - 99%)**

	RT-PCR		
	Positive	Negative	Total
Positive	105	4	109
Negative	4	218	214
Total	109	222	331

M-Protein  
E-Protein  
RNA  
N-Protein  
Envelope  
Hemagglutinin-Esterase Dimer (HE)  
Spike Glycoprotein (S)

The samples were tested in parallel with the RT-PCR test of a leading European manufacturer.



Externally evaluated by  
**ESfEQA**  
European Society for  
External Quality Assessment

..., the results suggest an outstanding sensitivity of the **AESKU.RAPID SARS-CoV-2 Antigen Rapid Test Kit** of the compared to other commercial SARS-CoV-2 antigen assays.

Positive test results confirm the presence of viral antigens.  
Negative test results do not completely rule out COVID-19.  
However, a clinical history of the patient is still necessary to determine the infection status.

#### Components:

- Test tubes, extraction buffer
- SARS-CoV-2 antigen test cassette (individually sealed)
- Specimen swabs
- Instructions for use
- Quick guide



Illustration exemplary