

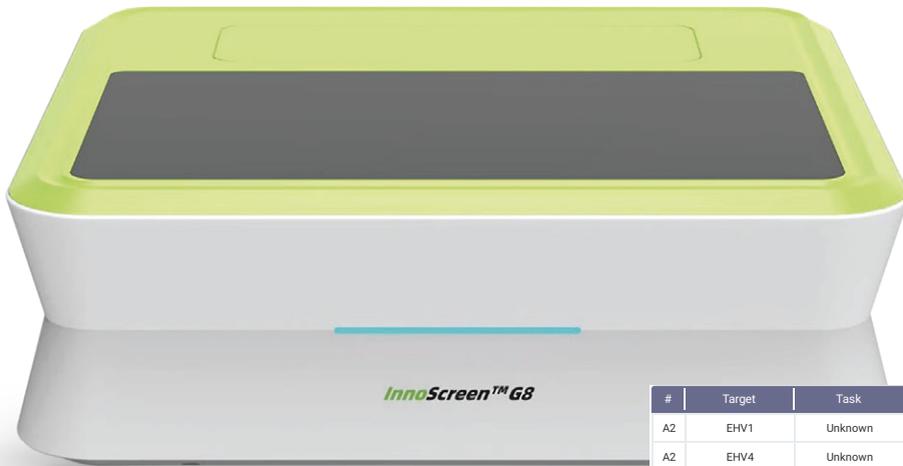
EQUINE RESPIRATORY DISEASE DIAGNOSIS ON-SITE IN UNDER ONE HOUR



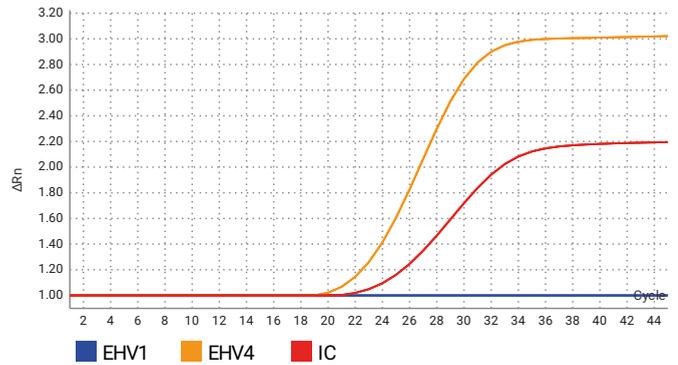
THE RAPID
DIAGNOSTIC
SOLUTION
FOR EQUINE
VETERINARIANS.

 **ALPHADIA**
DIAGNOSTIC PRODUCTS

Portable qPCR



| # | Target | Task | Detection Value | Reference Value | Unit | Result |
|----|--------|---------|-----------------|-----------------|-------|----------|
| A2 | EHV1 | Unknown | NoCq | Cq=NoCq | IU/ml | Negative |
| A2 | EHV4 | Unknown | Cq=22.52 | 0<Cq<=40 | IU/ml | Positive |
| A2 | IC | Unknown | Cq=24.07 | 0<Cq<=40 | IU/ml | Positive |



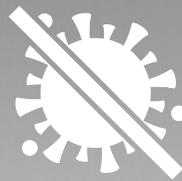
Results are immediately available.



SECURE
COMPETITIONS



SAFEGUARD THE
ECONOMIC HEALTH OF
THE SECTOR



LIMIT THE SPREAD OF
INFECTIOUS DISEASES



HIGH PERFORMANCE



ANTICIPATE TO PROTECT



PCR DIAGNOSTICS
IN REAL-WORLD
CONDITIONS

PCR is no longer confined to the laboratory. Ideal for field **veterinarians, clinics, and equine events.**

Compact, **portable, and rugged** instrument designed for use outside the laboratory without compromising analytical performance.



MOBILITY AND
ROBUSTNESS



SPEED AND HIGH
THROUGHPUT

Up to **16 horses** per run in just **40 minutes.**

Clear, immediate positive/negative results, provided with Ct* values and amplification curves for complete and reliable veterinary interpretation.



CLINICALLY
ACTIONABLE
RESULTS

* Number of cycles required for the fluorescent signal to cross a detectable threshold.
Low Ct = high amount of target genetic material in the sample
High Ct = low amount of target genetic material in the sample



PCR TESTS
SPECIFICALLY
DESIGNED FOR
EQUINES

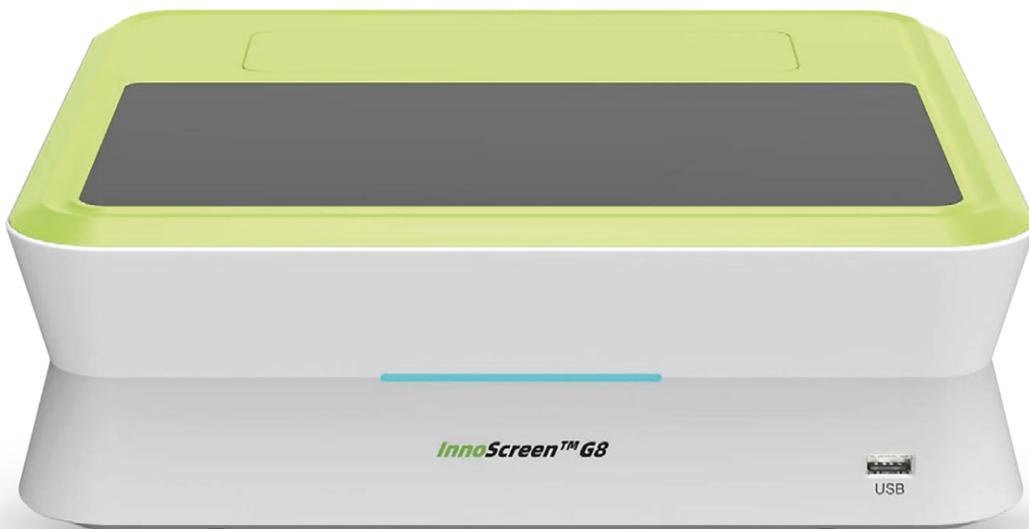
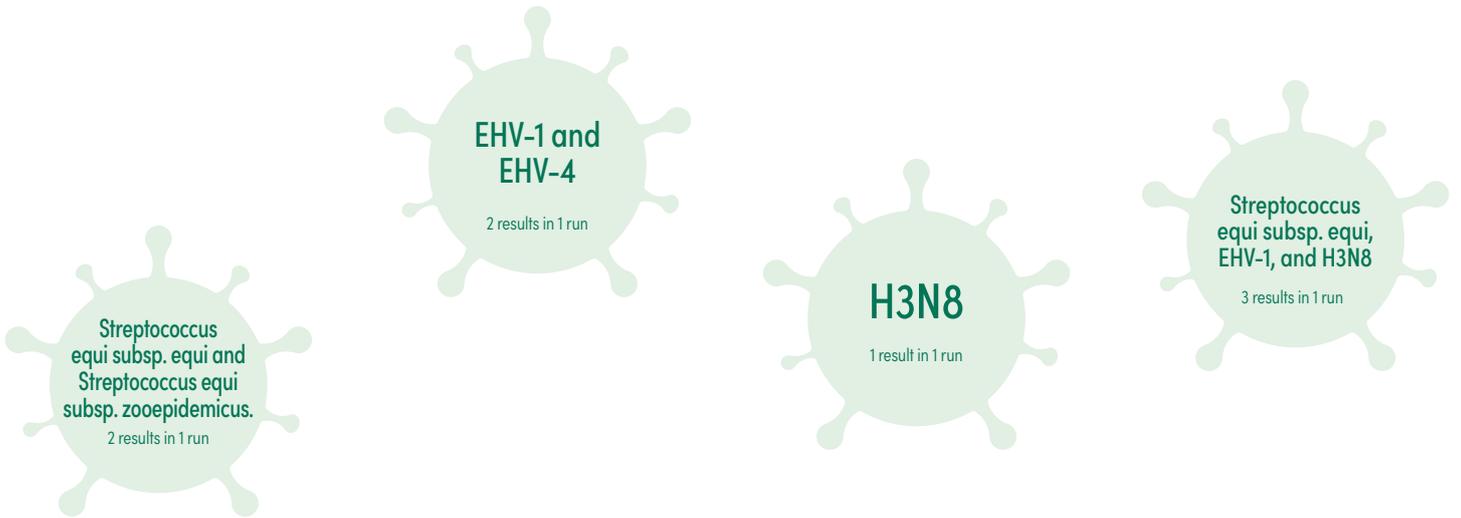
Detect multiple respiratory pathogens in a single test: high **sensitivity and specificity.**

The right decision at the right time for **better protection.**



PROACTIVE
OUTBREAK
MANAGEMENT

DISEASES TESTED



VALUE PROPOSITIONS

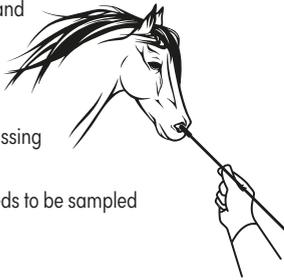
Alphadia enables equine veterinarians to diagnose highly contagious respiratory diseases on site in under one hour.

PROCEDURE

01

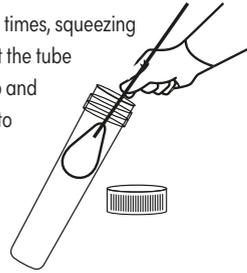
Collecting specimen : the swab should be passed into the ventral meatus of the horse's nasal passage until the nasopharynx. Rotate the swab 5 times to the left and right to pick up and absorb respiratory secretions. Make sure to avoid the false nostril in passing the swab.

*Only one nostril needs to be sampled



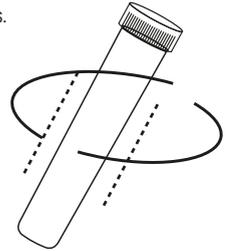
02

Slowly insert the swab head into the Transport Medium tube. Move the swab slowly up and down 10 times, squeezing the swab head against the tube side. Remove the swab and screw the cap back onto the tube.



03

Gently mix the Transport Medium tube upside down a few times.



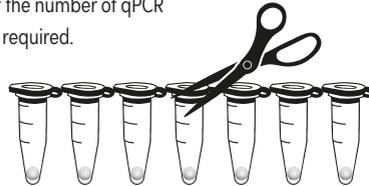
04

Remove the qPCR tubes strip from the pouch.



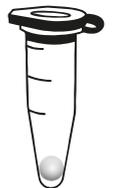
05

Select the number of qPCR tubes required.



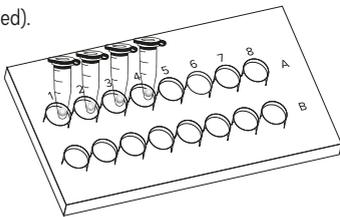
06

Gently tap the qPCR tube on a solid surface check that the white reagent beads are at the bottom of each qPCR tube and they appear identical in size.



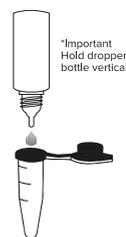
07

Place the qPCR tubes in the rack (provided).



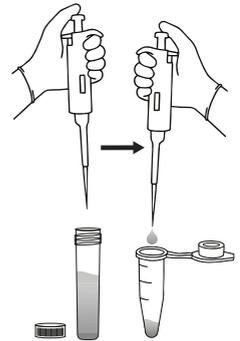
08

Open the qPCR tube(s), add one drop from the Distilled Water Dropper Bottle (blue cap).



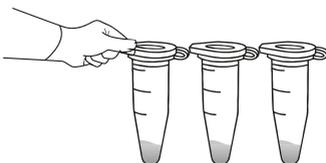
09

Unscrew the Transport Medium tube, take out sample with the pipette and add sample into the qPCR tube, Gently mix, avoid bubbles in the qPCR tube.



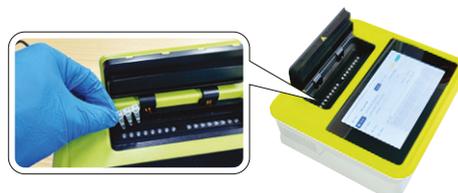
10

Check PCR tubes and check that each tube has an equal volume of fluid. The samples are now ready to be analysed by the InnoScreen G8.



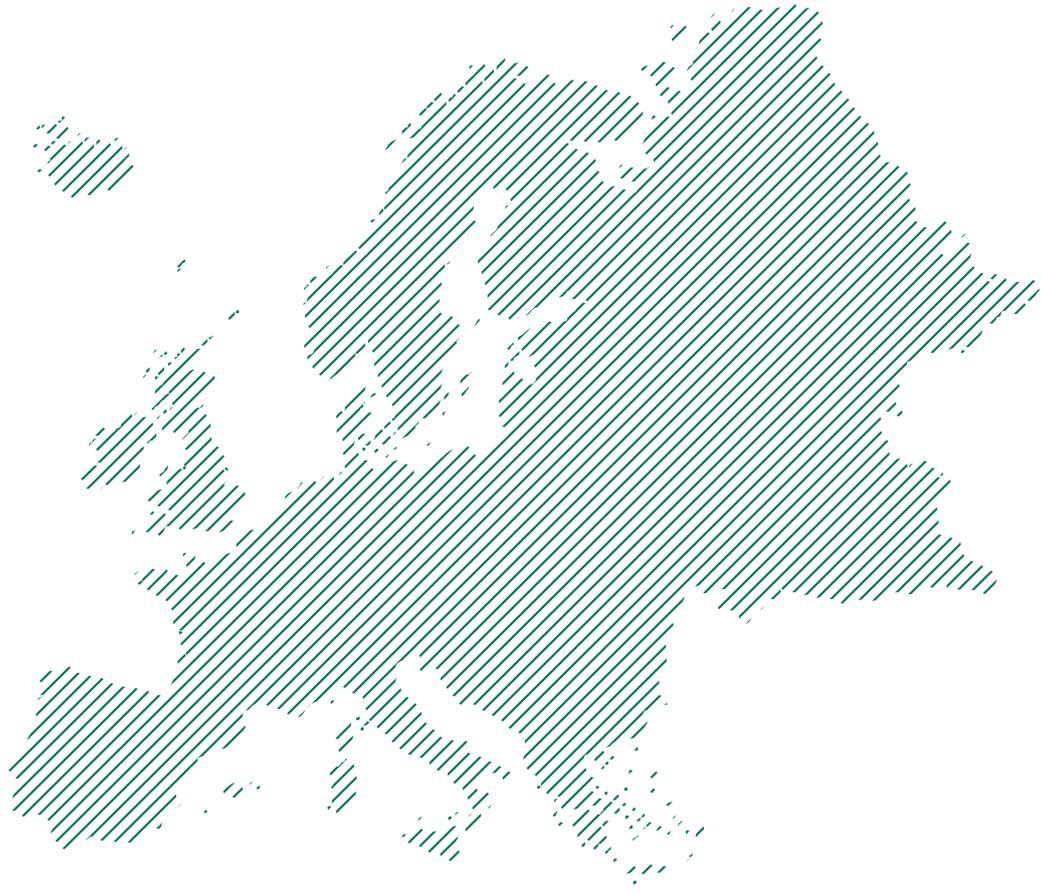
11

On the InnoScreen G8 analyser Follow the instructions to analyse the samples.



Press to open door button on InnoScreen G8 to open the lid and follow the instructions to analyse samples.

| Result: | |
|----------------------------------|------------|
| Streptococcus equi equi | (Ct: none) |
| NEGATIVE | (Ct: none) |
| Streptococcus equi zooepidemicus | (Ct: none) |
| NEGATIVE | (Ct: none) |
| Equine Herpesvirus-1 | (Ct: 30) |
| POSITIVE | (Ct: 30) |
| Equine Herpesvirus-4 | (Ct: none) |
| NEGATIVE | (Ct: none) |
| Equine Influenza | (Ct: none) |
| NEGATIVE | (Ct: none) |



FOR MORE INFORMATION :

CONTACT :

+32 471 55 62 24 • CONTACT@ALPHADIA.BE

[HTTPS://WWW.ALPHADIA.BE/EN/CONTACT](https://www.alphadia.be/en/contact)

RUE DU BOSQUET, 15A • 1435 MONT-SAINT-GUIBERT • BELGIQUE



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