ID Screen® PPR Competition

Competitive ELISA for the detection of anti-PPRV nucleoprotein antibodies

Peste des petits ruminants (PPR) is a contagious disease affecting goats and sheep primarily in Africa, the Middle-East and the Indian subcontinent. It is caused by a species of the *Morbillivirus* genus of viruses. The disease is highly contagious, with approximately 80 percent mortality in acute cases. In June 2008, the disease invaded Morocco, crossing the natural barrier of Sahara and causing concern that the disease could spread into Europe. Serology may be used to identify and control outbreaks. The ID Screen® PPR Competition ELISA efficiently detects antibodies directed against the virus nucleoprotein. All components are ready-to-use and each sample is deposited only once.

The test uses technology developed by the OIE reference laboratory (CIRAD-EMVT, Montpellier, France).

**Product Code**
PPRC-4P

**Test Principle**
Competitive ELISA

**Antigen**
PPR recombinant nucleoprotein

**Conjugate**
Anti-NP-HRP concentrated conjugate (10)

**Sample Type**
Multiple species, including sheep and goat serum and plasma. (Please contact IDVET for more information.)

**Sample dilution factor**
1:2

**Number of tests**
384 (4 plates); Please contact IDVET for other formats

**Microplate format**
12 x 8-well strips

**Protocol**
1. Sample Incubation 45 min
2. Conjugate Incubation 30 min
3. Three washes
4. Substrate Incubation 15 min

**Test Interpretation**
S/N < 50% = positive
50% < S/N ≤ 60% = doubtful
S/N > 60% = negative

**Reference**

Screening format: each sample is deposited only once
Ready-to-use components, including coated plates
Simple and easy-to-use: results in 90 minutes
OIE reference lab technique
High specificity and sensitivity

**Kit Contents**
Coated microplates
Concentrated Conjugate (10X)
Positive Control
Negative Control
Dilution Buffers
Wash Concentrate (20X)
Substrate Solution (TMB)
Stop Solution