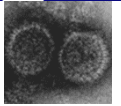
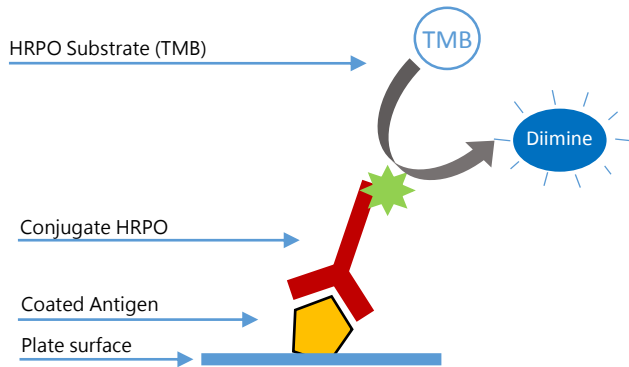


INGENASA

INgezim IBR Compac 2.0 R.12.BHV.K3



INgezim IBR Compac 2.0 is an enzymatic assay based on a blocking ELISA technique, which uses a monoclonal antibody (Mab) specific to Infectious Rhinotracheitis Virus (IBRV) gB protein, and inactivated antigens.



TECHNICAL BASIS OF THE KIT

1. Plates are coated with inactivated IBR antigen. Serum samples are added and incubated.
2. If the samples contain specific antibodies to IBR, they will bind to the antigen.
3. When a Mab-PO specific of IBR gB protein is added, only if there are no antibodies in the sample blocking the antigen (negative animals), it will bind to the protein. In case the sample contains antibodies blocking the antigen (infected animals), the conjugate will not be able to bind to it. The binding is detected by the development of a colorimetric reaction after the addition of the substrate.

APPLICATION

Detection of specific antibodies to Bovine Infectious Rhinotracheitis Virus in bovine individual serum samples and milk and whey (individual and tanks) samples.

INTERPRETATION OF THE RESULTS

Two cut off are used for the results interpretation: positive and negative. The samples will be considered **Positive** when their OD value is equal to or lower than the positive cut off; **Negative** when their OD value is equal to or higher than the negative cut off and **Doubtful** when the OD value is between both cut offs.

1. Using O.I.E. reference sera

O.I.E. International Reference strong and weak positive sera (EU1 & EU2) and negative EU3 were used. expected results were obtained, concluding that INgezim IBR Compac 2.0 maintains the level of sensitivity required by the O.I.E. (Manual Standards for Diagnosis Test and Vaccines)

2. Using FLI ((Friedrich-Loeffler-Institut, Riems, Germany) reference sera

A panel of 3 positive and 2 negative sera by Seroneutralization (SN) was used. The results indicate 100% correspondence with expected results.

VALIDATION

3. Correlation with Seroneutralization (SN) technique

184 sera were analyzed by INgezim IBR COMPAC 2.0 and SN. The results obtained indicated that the correlation between both assays was 92%, being the ELISA more sensitive.

MILK & WHEY

To determine the performance of the assay using milk as matrix, 89 milk tanks were previously catalogued by 2 commercial assays INgezim® IBR & Svanovir® IBR Ab were analysed. The table below indicates the correspondences found between assays.

	INgezim® IBR Compac 2.0	Svanovir® IBR Ab
INgezim® IBR 2.0	94.4%	95.5%
INgezim® IBR Compac 2.0		95.5%

COMPOSITION OF THE KIT

- Microtitration plates of 96 wells
- Vials with Positive Control
- Vials with Negative Control
- Vials with Peroxidase Conjugate
- Bottle with Washing Solution
- Bottle with diluent
- Bottle with stop solution
- Bottle with substrate (TMB) ready to use



REGISTRATION NUMBER 962 RD
 PRODUCT MANUFACTURED BY INGENASA



SHELF LIFE: **18 months**
 Stored at 2°C-8°C