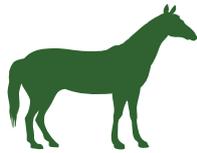
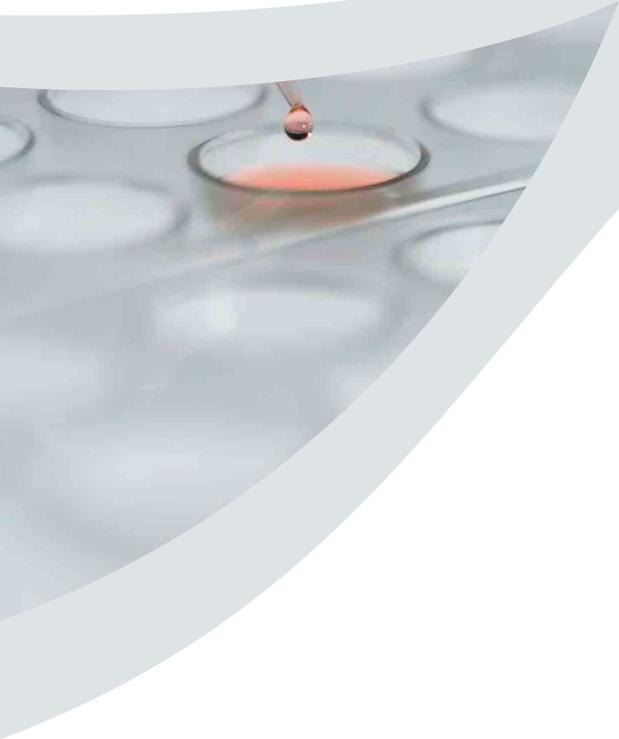


# WEST NILE VIRUS



## ID Screen® West Nile IgM Capture



IgM Antibody Capture ELISA (IMAC) kit for the detection of anti-pr-E IgM antibodies in horse serum and plasma. The detection of IgM antibodies indicates recent infection and WNV circulation.

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# WEST NILE VIRUS

## ID Screen® West Nile IgM Capture

IgM Antibody Capture ELISA (IMAC) kit for the detection of anti-pr-E IgM antibodies in horse serum and plasma. The detection of IgM antibodies indicates recent infection and WNV circulation. The monoclonal antibody used in the kit cross-reacts with viruses from the Japanese Encephalitis Viruses (JEV) and the Tick-Borne Encephalitis Viruses (TBEV) serocomplex. Please contact IDvet for more information.

● **Sensitive and specific detection** of WNV IgM antibodies, indicators of recent infection

● **Rapid and convenient** : all reagents are supplied ready-to-use, samples are diluted directly in the plate (no pre-dilutions required), and all reagents may be transported at room temperature and stored at 4°C.

## Specifications

<b>Method</b>	IMAC (IgM Antibody Capture) ELISA
<b>Species</b>	Equine
<b>Specimens</b>	Serum and plasma
<b>Coated antibody</b>	Anti-horse IgM polyclonal antibody
<b>Antigen</b>	Ready-to-use WNV pr-E antigen
<b>Conjugate</b>	Anti-WNV pr-E HRP conjugate (10X)
<b>Protocol*</b>	(1) Sample Incubation (2) Three washes (3) WNV ready-to-use antigen incubation (4) Three washes (5) Anti-WNV prE-HRP conjugate incubation (6) Three washes (7) Substrate Incubation: 15 min

\* Samples are deposited in duplicate in adjacent even and odd-numbered wells; the WNV pr-E is added only to even-numbered wells. Results are calculated with respect to the corrected sample OD value (even well OD – odd well OD).

## Ordering information

<b>Product code</b>	WNIGM-1P	WNIGM-4P
<b>Kit format</b>	1 plate (biwell format*)	4 plates (biwell format*)
<b>Reactions</b>	48	192
<b>Plate format</b>	6 x 16-well strips	

## References

[1] Zeller, H.G. and Schuffenecker, I. **West Nile Virus: An overview of its spread in Europe and the Mediterranean basin in contrast to its spread in the Americas.** Eur J Clin Microbiol Infect Dis (2004) 23:147-156

[2] OIE Terrestrial Manual 2008 ; 2.1.20; **West Nile Fever.**

## Associated Products

### West Nile IgM positive freeze-dried serum

<b>Product Code</b>	MRI-WNIGM
<b>Format</b>	0.5 ml vial (freeze-dried)
<b>Description</b>	Freeze-dried IgM-positive horse serum to be used as internal reference material for quality control.