

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

- **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
- **Practical:** you can easily check that all samples have been correctly deposited because the dilution buffer changes color upon addition of the sera

**SPECIFICATIONS**

<b>Method</b>	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 prE antigen
<b>Conjugate</b>	Anti-WNV prE HRP conjugate (10X)
<b>Protocol</b>	(1) Sample Incubation (2) Three washes (3) WNV ready-to-use antigen incubation (4) Anti-WNV prE-HRP conjugate incubation (5) Three washes (6) Substrate Incubation: 15 min

**ORDERING INFORMATION**

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

## REFERENCES

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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

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### 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 positive horse serum to be used as internal reference material for quality control.