

# West Nile virus - eu "case" definice

WEST NILE FEVER (West Nile virus infection, WNV)

Clinical Criteria Any person with Fever OR At least one of the following two: - Encephalitis - Meningitis

## Laboratory Criteria

- Laboratory test for case confirmation
- At least one of the following four:
- Isolation of WNV from blood or CSF
- Detection of WNV nucleic acid in blood or CSF
- WNV specific antibody response (IgM) in CSF
- WNV IgM high titre AND detection of WNV IgG, AND confirmation by neutralisation
- Laboratory test for a probable case
- WNV specific antibody response in serum

Laboratory results need to be interpreted according to flavivirus vaccination status

# **Epidemiological Criteria**

At least one of the following two epidemiological links:

- Animal to human transmission (residing, having visited or having been exposed to mosquito bites in an area where WNV is endemic in horses or birds)
- Human to human transmission (vertical transmission, blood transfusion, transplants)

#### **Case Classification**

A. Possible case NA

#### **B.** Probable case

Any person meeting the clinical criteria AND with at least one of the following two:

- an epidemiological link
- a laboratory test for a probable case

## C. Confirmed case

Any person meeting the laboratory criteria for case confirmation