Equine Protozoal Myeloencephalitis

**DIAGNOSTIC FLOW CHART**

**History, physical evaluation, neurological examination, minimal data base**
(CBC/biochemical panel)

- **Compatible with EPM**
  - SarcoFluor™ NeoFluor™
  - Serologic & CSF testing

- **Not compatible with EPM**
  - Other diagnostic tests based on neuro-anatomic localization

**Serum Titer**
- **S. neurona** >80
- **N. hughesi** >320

**Serum Titer**
- **S. neurona** 40-80
- **N. hughesi** 160-320

**Serum Titer**
- **S. neurona** <40
- **N. hughesi** <160

**Acute signs:**
- Repeat test in 2 weeks

**CSF Titer**
- **S. neurona or N. hughesi** ≥ 5

**CSF Titer**
- **S. neurona** <5

**+ Serum**
- Laboratory results support EPM diagnosis
- Serum/CSF ratio < 64
  - Indicative of intrathecal Ab production
- Serum/CSF ratio > 64
  - Not indicative of intrathecal Ab production

**Not EPM**
- CSF Titer
  - **S. neurona** or **N. hughesi** <5
  - Not indicative of intrathecal Ab production

www.vetmed.ucdavis.edu/go/epm