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
    - Serum Titer
      - *S. neurona* >80
      - *N. hughesi* >320
    - CSF for cytology and SarcoFluor™ & NeoFluor™ testing
      - CSF Titer
        - *S. neurona* or *N. hughesi* ≥ 5
        - + Serum
          - Laboratory results supports EPM diagnosis
          - Serum/CSF ratio ≤ 64 Indicative of intrathecal Ab production
          - Serum/CSF ratio > 64 Not indicative of intrathecal Ab production
    - Not EPM

- **Not compatible with EPM**
  - Other diagnostic tests based on neuro-anatomic localization
    - Serum Titer
      - *S. neurona* 40-80
      - *N. hughesi* 160-320
    - Acute signs: repeat test in 2 weeks
      - Serum Titer
        - *S. neurona* <40
        - *N. hughesi* <160
        - Not EPM