

## PSSM and MH testing is currently suspended due to COVID-19

### Equine Neuromuscular

Updated April 4, 2019

The Equine Neuromuscular and Genetics Diagnostic Laboratory is dedicated to providing the most accurate diagnosis and optimal treatment of muscle disorders in horses. We offer genetic and muscle biopsy testing for a variety of disease

#### Genetic Testing

- **Polysaccharide storage myopathy**
  - **Type 1 PSSM** causes muscle soreness and tying up in over 20 breeds.
  - **Type 2 PSSM** can cause similar symptoms to type 1. A muscle biopsy is required to diagnose type 2 PSSM. Michigan State University performs the muscle biopsy.
- **Malignant hyperthermia (MH)**
  - Malignant hyperthermia occurs in quarter horses and paints and can cause signs of tying up, elevated body temperature, sweating, and anesthetic reactions. It can occur together with type 1 PSSM giving particularly severe signs of tying up.

Please see [submission information\(/services-fees/equine-neuromuscular/submission-guidelines\)](#) for genetic testing.

#### Services & Fees

**Note on days tested and turnaround times:** Samples must be received at least one business day before the scheduled testing day. Samples may not always be tested on the first scheduled day after they arrive, but testing will usually be completed within the posted turnaround time.

#### To order:

Step 1: **Submission form** (<https://drive.google.com/open?id=0B7MfDWtknjS9d0NxSDBxWU9yWDQ>)

Step 2: **Place order** (<https://vdl-umn.nbsstore.net/>)

#### Contact Us

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+ [Equine Polysaccharide Storage Myopathy \(PSSM\)](#)

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## VETERINARY DIAGNOSTIC LABORATORY • COLLEGE OF VETERINARY MEDICINE

### Contact us

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[Provide website feedback](#)

### Fees, forms, and supplies

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- [Services & fees](#)
- [Submission forms](#)

### Get your results

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