

VIDAS® EQUINE INSULIN

IMMUNOASSAY EXPERTISE FOR VETERINARY DIAGNOSTICS

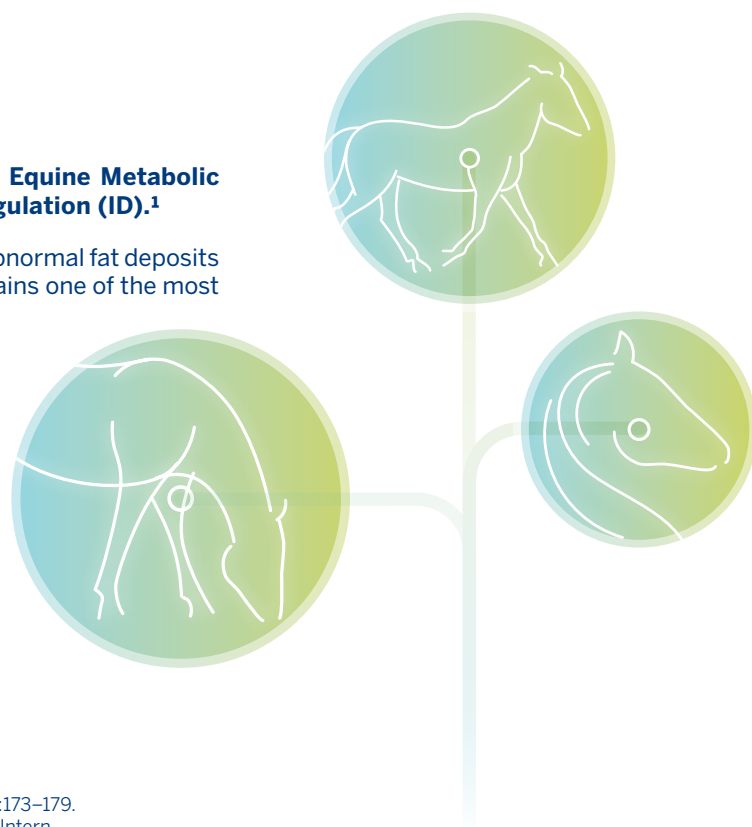
DID YOU KNOW ?

20% to 40% of the equine population is at risk for **Equine Metabolic Syndrome (EMS)**, a disorder associated with **Insulin Dysregulation (ID)**.¹

Obesity is the primary known risk factor for EMS. Although abnormal fat deposits and infertility are common, laminitis, though less frequent, remains one of the most critical and challenging clinical signs.

Insulin plays a crucial role in maintaining metabolic balance, and its level may vary depending on numerous factors. Horses most commonly exhibit compensated insulin resistance and do not develop diabetes, which makes glucose measurement rarely useful.²

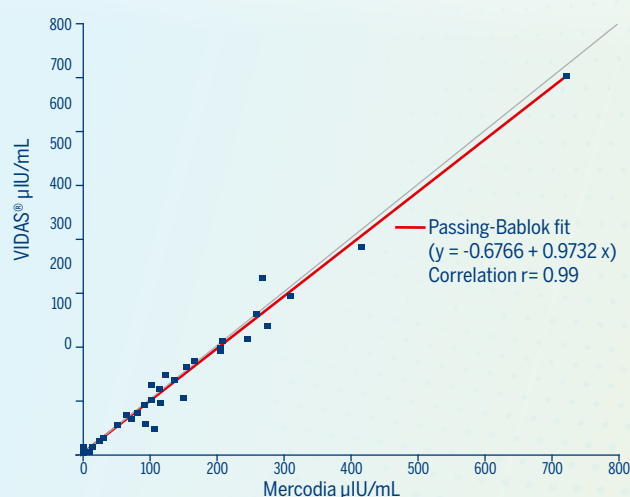
Insulin testing is therefore the cornerstone for diagnosing and managing EMS. This assessment requires both precision for the initial diagnosis and reliable reproducibility for long-term clinical management.



1. Morgan R, Keen J, McGowan C. Equine metabolic syndrome. Vet Rec. 2015;177(7):173–179.

2. Durham et al. ECEIM consensus statement on equine metabolic syndrome. J Vet Intern Med. 2019; 33: 335-349.

VIDAS® Equine INSULIN is correlated to MERCODIA Equine insulin ELISA assay, and demonstrated good performance in terms of linearity and precision.³



3. Internal R&D study



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The diagram illustrates the four main components of the Vidas KUBE system, each in a colored box with a corresponding icon:

- VIDAS KUBE®, MINI VIDAS®, VIDAS®**: Represented by an icon of the device.
- 24/7 On-demand automated testing**: Represented by an icon of a person in a lab coat.
- 100% automated & enhanced traceability**: Represented by an icon of a document with a magnifying glass.
- All-inclusive kits**: Represented by an icon of a checkmark inside a starburst.

These components are connected by a horizontal line, indicating they are part of a single system.



VIDAS KUBE®,
MINI VIDAS®,
VIDAS®



24/7

On-demand automated testing



100%

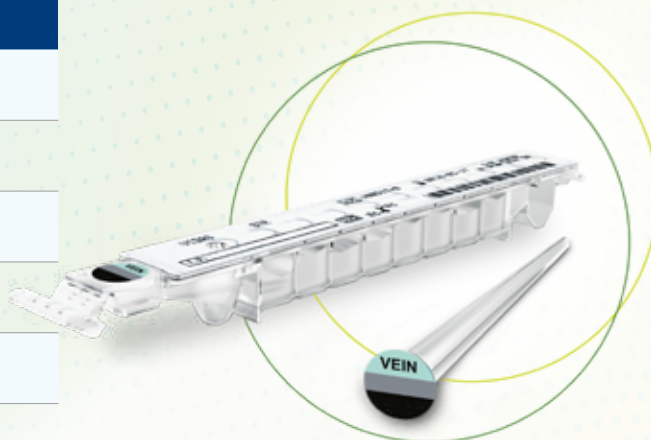
All-inclusive kits



TEST SPECIFICATIONS

VIDAS® EQUINE INSULIN FEATURES

Reference	424848
Kit content	30 tests
Sample Type	Equine serum
Time to result	Approximately 20 min
Shelf life	18 months
Frequency of calibration	56 days



VIDAS® EQUINE INSULIN

Quantitative measurement of equine insulin levels in diagnostic or monitoring of Equine Metabolic Syndrome

Basal insulin measurement

Oral Sugar Test: dynamic testing

TO
TO +1h

Every 1-3 months
until insulin levels
back to normal