



Karo Light Corn Syrup test for assessment of insulin dysregulation

Recent work at the Royal Vet College and at Liphook Equine Hospital supports the use of a higher dose of Karo Light corn syrup as a highly palatable, safe and sensitive test for the investigation of insulin dysregulation in PPID and EMS cases.

In addition to good differentiation of normal from laminitis-prone horses and ponies, the test dose contains less than half the amount of sugar that the 1g/kg dextrose powder test. There is also no need to fast the animal prior to the test and the syrup is much easier to administer to horses and ponies than the dextrose powder!

Procedure:

- Baseline insulin and glucose samples are optional
- Give 45mL Karo Light Corn Syrup per 100 kg bodyweight either by dosing syringe or in a small amount of chaff
- Collect blood samples for insulin and glucose (red and grey top) between 60 and 90 minutes later.

Liphook Equine Hospital Laboratory can send out Karo Light test kits containing: Karo Light Corn Syrup dose (please advise weight of animal), oral dosing syringe and appropriate blood collection tubes. Please feel free to phone (01428 729509) or email: lab@theleh.co.uk for more information on these and other handy, free testing kits.

July 2017