

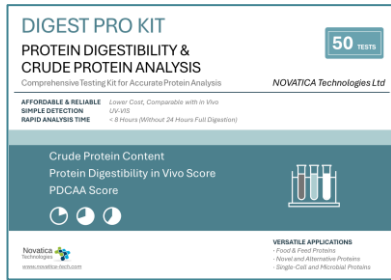
RAPID PROTEIN DIGESTIBILITY & PROTEIN CONTENT ASSAYS

Comprehensive Testing Kits for Accurate Protein Analysis



Digest Pro® Kit Features

- Crude Protein Content
- In Vivo Digestibility Score
- PDCAA Score*



A two-stage digestion
Simulated stomach & intestinal digestion (5 hours)



Hydrolysis
Full hydrolysis of sample and reference standard (24 hours)



Reaction
Amino acid detection with ninhydrin reagent



Analysis
Ruhemann's purple detection at 570 nm with microplate reader or UV-VIS spectrometer

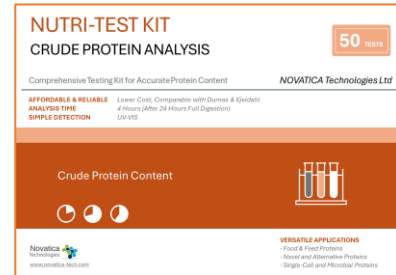
Benefits

- Affordable & Reliable— *Lower cost with good correlation to in vivo digestion*
- Simple Detection Method — *UV-VIS*
- Determination of Digestibility — *relative to digestion standard*
- *Determination of Crude Protein Content*
- *Determination of Protein Quality — PDCAA Score**

* Protein Digestibility Corrected Amino Acid Score requires measuring Amino Acids Profile in sample. Amino Acids Profile analysis is available on request for an additional fee.

Nutri-Test® Kit Features

- Crude Protein Content



Hydrolysis
Full hydrolysis of sample and reference standard (24 hours)



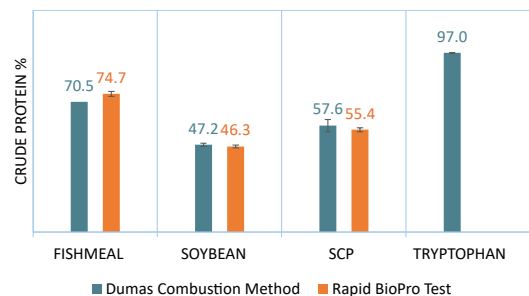
Reaction
Amino acid detection with ninhydrin reagent



Analysis
Ruhemann's purple detection at 570 nm with microplate reader or UV-VIS spectrometer

Benefits

- Affordable & Reliable— *Lower cost with good correlation to the Dumas method*
- Simple Detection Method — *UV-VIS*



Versatile Applications

- Food & Feed Proteins
- Novel and Alternative Proteins
- Single-Cell and Microbial Proteins