

စိုက်ပျိုးရေး၊ မွေးမြူရေးနှင့်ဆည်မြောင်းဝန်ကြီးဌာန၊ မွေးမြူရေးဆိုင်ရာဆေးတက္ကသိုလ်

Lot 15 Lab Equipment Specifications

No.	Item	Specifications	Quantity
1.	Automatic Nucleic Acid Extraction Machine	<p>For extraction of Viral RNA, Viral DNA and Bacteria DNA Sample type: Serum, plasma, whole blood, secretions, exfoliated cells, tissues, throat swabs, anal swabs, urine, feces, etc. Extraction technology: Advanced magnetic beads technology Sample type Volume 1-96 tests/batch Extraction Time: 10-60 minutes each batch Working volume: 30-2000uL Recovery rate of magnetic beads: >95% Blending mode Vortex omnidirectional liquid mixing Temperature control range: Adjustable from room temperature to 125°C Operation: minimum 7-inch touch screen Storage: Up to 120 groups of programs can be used.</p> <p>Important Criteria: After Sale Services: Availability of the Myanmar FDA approved extraction kits for extraction of Viral RNA, Viral DNA and Bacteria DNA from any sample types for diagnosis of animal diseases.</p>	1 No.
2	Tissue Homogenizer-speed mill up	<p>For lysing of the Cells to release intracellular contents of interest, such as proteins, nucleic acids (DNA, RNA) and nuclear components. Time – 30sec to 10 min Sample capacity : up to 20 samples Dimension: 154mm×275mm×257mm Power Supply : Ac200 V , 50Hz/100V, 60 Hz</p>	1 No.