

The Animal Disease Diagnostic Center of Asia University

Department of Post-Baccalaureate Veterinary Medicine

Mission Statement

The Animal Disease Diagnostic Center (ADDC) was established by the Department of Post-Baccalaureate Veterinary Medicine, in accordance with the regulations of Asia University. The overall goals of the ADDC are to facilitate teaching programs, research, education promotion, industry-university collaboration, government-industry-university-institute alliance in disease diagnosis and other related services.

Service category

1. Pathology examination & diagnosis.
2. Microbiology examination.
3. Molecular biology examination.

Diagnostic testing services provided by ADDC

1. **Clinical pathology:**
Skin scraping, blood smear, urine sediment and fecal parasite examination.
2. **Cytopathology:**
Cell sampling includes fine needle biopsy which can be divided into aspiration and non-aspiration method, imprinting and swab, then performs the Romanowsky stain including Diff-Quik stain and Liu's Stain.
3. **Surgical pathology:**
Surgical resection and Tru-cut biopsy specimens can perform frozen section or paraffin section examination.
4. **Necropsy pathology:**
Gross dissection, gross pathological examination, tissue sampling and trimming, paraffin tissue slide preparation and H&E stain, special staining (such as PAS) or immunohistochemical stain (IHC).
5. **Bacteria culture and drug sensitivity test.**
6. **Molecular biology examination:**
Polymerase chain reaction (PCR) for bacterial and viral identification and immunohistochemical stain (IHC).



Figure. Cryostat Microtome.