GENERAL INFORMATION

Below are list of Assays for Veterinary Diagnostic Services using STR or Sequencing methodologies.
For information about Sample Collection, Storage and Transport please refer to MBG-C0015
For veterinary Cytogenetic and Stem Cell Services please refer to MBG-C0113
For veterinary Genomic Services please refer to MBG-C0114
For veterinary Pathogen Identification Service refer to MBG-C0103
For veterinary Genotype Service refer to MBG-C0104
For assays not listed above, individual projects and any other research collaborations, please contact MBG Lab for further information.

Recommended sample types are based on the expertise of MBG Lab and from sources such as OIE, CDC and AHT.

All samples should be freshly collected and sent strictly within 24-48 hours, at recommended temperature. Please refer to the website for collection and transport guidelines.

Note:

- **Turn Around Time:**
  - The turnaround time may increase depending on the sample load.
  - Normal turnaround time for Parentage service is within 5 working days; however, this may increase depending on the sample load
  - Samples delivered after 11:00 AM will be processed next day (unless urgent)
  - **Urgent Samples** will be reported within half of the minimum test period and will be **Charged Double**
  - **Please provide all the required information on the requisition form to avoid any delay in reporting**
  - Please refer to **MBG-C0015 Sample Collection, Storage and Transport guidelines-Veterinary** for more information (www.mbg.ae).
  - The prices mentioned are exclusive of VAT. Additional 5% vat will be charged to all invoices
  - For assays not listed below, individual projects and any other research collaborations, please contact MBG Lab for further information (www.mbg.ae).

Assay Code	ASSAY NAME	Species	Description	Methodology	Recommended Sample Types	Cost/sample (AED)	Accreditation
SINGLE GENE DISORDERS							
ASD-233	Equine Cerebellar Abiotrophy	Equine	Neurological condition found in Arabian horses	Sanger Sequencing	EDTA Blood , Hair	**600**	**In-house validated assays**
ASD-234	Hyperkalemic Periodic Paralysis	Equine	Sporadic attacks of muscle tremors in equine	Sanger Sequencing	EDTA Blood , Hair	**600**	
ASD-235	Severe Combined Immunodeficiency (SCID)	Equine	Underdeveloped immune system in equine	Sanger Sequencing	EDTA Blood , Hair	**600**	
ASD-236	Lavender Foal Syndrome (LFS)	Equine	Neurological dysfunction in new born foals	Sanger Sequencing	EDTA Blood , Hair	**600**	
ASD-237	Erythrocyte PyruvateKinase Deficiency	Feline	Inherited hemolytic anemia in cats	Sanger Sequencing	EDTA Blood	**600**	
ASD-238	Polycystic kidney disease 1	Feline	Renal failure in cats	Sanger Sequencing	EDTA Blood	**600**	
ASD-239	Progressive Retinal Atrophy (PRA-b)(Bengal)	Feline	Progressive blindness in Bengal cats	Sanger Sequencing	EDTA Blood	**600**	
ASD-240	Progressive Retinal Atrophy (PRA-pd) (Persian)	Feline	Progressive blindness in Persian cats	Sanger Sequencing	EDTA Blood	**600**	
ASD-241	Dilated Cardiomyopathy 1 and 2	Canine	An inherited, potentially fatal heart disorder in canine	Sanger Sequencing	EDTA Blood	**1000**	

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