

Genometry Water Buffalo Genotyping Kit v1.0 Parentage Testing Kit



Parentage testing has a critical role in water buffalo breeding for the evaluation of animal productivity and breeding animal selection. Performing parentage analysis with the help of molecular biology methods, such as microsatellite analysis is preferred for obtaining precise results. Microsatellite analysis, utilizes DNA markers called STRs and their different alleles coming from both parents.

The kit provides the analysis of 16STRs selected from International Society of Animal Genetics (ISAG) and Food and Agriculture Organization of the United Nations (FAO) recommendations.

Technical Specifications

 [Download Manual](#)

Method of Detection	Microsatellite Analysis
Number of STRs	16
Number of reaction Mixes	4
Fluorescent Dyes	HEX, FAM, TAMRA
Size Standard	ROX
Reaction Volume	25 µl
Sample Type	DNA from blood or hair
Total Time	Approx. 5 hours
Compatible Devices	All ABI Genetic Analyzers

Ordering Information

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