

FEDERAL UNIVERSITY OF AGRICULTURE, ABEOKUTA.

BIOTECHNOLOGY CENTRE/CENTRAL LABORATORY, FUNAAB



SERVICES AT BIOTECHNOLOGY CENTRE, FUNAAB.



ANIMAL BIOTECHNOLOGY LABORATORY

1. DNA/RNA EXTRACTION FROM ANIMAL SAMPLES. (BLOOD, TISSUES etc.)
2. DNA/RNA DIGESTION
3. POLYMERASE CHAIN REACTION (PCR) AMPLIFICATION USING RAPD AND SSR PRIMERS
4. GEL SCORING AND ANALYSIS
5. SOLUBLE PROTEIN ANALYSIS FROM ANIMAL SAMPLES
6. SAMPLE QUANTIFICATION WITH UV- AND NANODROP SPECTROPHOTOMETER
7. pH DETERMINATION

EQUIPMENT IN ANIMAL BIOTECHNOLOGY LABORATORY



Nano Drop Spectrophotometer



Nano Drop Spectrophotometer



Water Distillation Unit



Water Deionizer



Gel Electrophoresis Unit



Microwave Oven



Autoclave



Electroporator



HPLC



Hybridization
Oven/Shaker



GC



GC Gas Station