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ISO/IEC 17025 Accredited

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Below is a listing of the major pieces of equipment located Paleo-DNA Laboratory:

**MAKE EQUIPMENT**

**GENETIC ANALYZERS/SEQUENCERS:**



- |                             |                         |
|-----------------------------|-------------------------|
| ABI                         | 310 Genetic Analyzer    |
| ABI                         | 3100 Genetic Analyzer   |
| ABI                         | 7000 Sequence Detection |
| Cepheid                     | SmartCycler II          |
| Affymetrix GeneChip Systems | Scanner                 |
| Affymetrix GeneChip Systems | Fluidics Station        |
| Affymetrix GeneChip Systems | Hybridization Oven      |

**WORKSTATIONS:**



- |             |                                       |
|-------------|---------------------------------------|
| HEPA/THERMO | Biological Safety Cabinet Class II A2 |
| DiaMed      | Clean Spot PCR Workstation            |
| S.S. White  | Abrasive 6500 System                  |
| S.S. White  | Abrasive Work Chamber                 |
| AirClean    | Airclean 600 Workstation              |
| AirClean    | Airclean 3000 Workstation             |

**SAMPLE PREPARATION:**



Dremel	High Speed Grinding/Drilling Tool
Retsch	Mixer Mill
Craftsman	10" Drill Press
Thermo Electron Corporation	Savant DNA 120 SpeedVac Concentrator

#### GEL/CAPILLARY ELECTROPHORESIS:



Alpha Innotech	Florescence Package
Alpha Innotech	Transilluminator
Alpha Innotech	Camera
Alpha Innotech	Alpha Imager EC DE400 MZoom Core
Beckman	Capillary Electrophoresis
Xcell	Electrophoresis Cell
Stratagene	Gel Dryer
UVP	Transilluminator
Polaroid	Gel Camera
Kodak	EDAS 290 camera
Kodak	EDAS hood

#### SAMPLE PROCESSING:



MJ Research	PTC DNA Engine
MJ Research	PTC DNA Engine Tetrad
Eppendorf	HeatSealer
Genequant II	Spectrophotometer
Turner Designs	TD-700 Fluorometer
Molecular Devices	Spectrum Reader
Lauda	Immersion Thermostat
Barnstead	Labquake Shaker
Corning	Lab Stirrer/Hot Plate
Fisher Scientific	Dual Channel pH/Ion meter
Eppendorf	Thermomixer
TECHNE	Sample Heater (denature)

Eppendorf  
Eppendorf  
Mettler Toledo

Mastercycler  
Mastercycler Gradient  
Balance

#### CLEANING & STERILIZATION:



Ultra-Lum  
Beekel  
VWR Scientific Products  
Nanopure  
Stratagene  
ACCU  
VWR

Electronic UV Crosslinker  
Drying Hood  
Autoclave  
Water Purification Dispenser  
UV Stratalinker 2400  
Sterilizer  
Sonicator

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Last modified on March 21, 2006 © 2004 Paleo-D

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