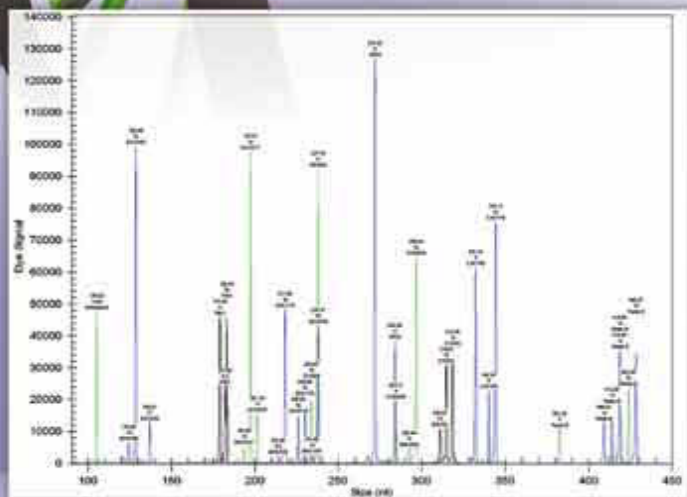


# DNA purity and quality determination.

## GenomeLab Human STR Primer Set

Blood Banking  
Capillary Electrophoresis  
Centrifugation  
Flow Cytometry  
**Genomics**  
Lab Automation  
Lab Tools  
Particle Characterization

The GenomeLab Human STR Primer Set is used to determine the purity and quality of DNA for sample tracking, and for monitoring contamination. This primer set further expands the capability of the GenomeLab GeXP Genetic Analysis Systems. It is ideal for researchers working with large numbers of DNA samples in clinical trials, tissue culture facilities and core labs. The Human STR Primer Set enables facilities to accurately track samples or cell lines and identify contamination.



Locus Name	Fragment Size Range	Dye	Repeat Unit Length
AMEL	104-111	D3	-
D3S1358	112-152	D4	4
TH01	159-199	D2	4
D13S317	173 - 213	D3	4
D8S1179	206 - 266	D4	4
D7S820	214 - 250	D3	4
TPOX	260 - 292	D4	4
D16S539	264 - 309	D3	4
D18S51	286 - 366	D2	4
CSF1PO	316 - 356	D4	4
Penta D	369 - 449	D4	5
Penta E	377 - 481	D3	5

**Table 1. GenomeLab STR Primer Set locus information\***

## Ordering Information

Reagents for STR Analysis	Part No.
GenomeLab Human STR Primer Set Kit	A20100
GenomeLab DNA Size Standard Kit - 600	608095

### Hardware and Software

GenomeLab GeXP Genetic Analysis System (dual rail)	A26572
GenomeLab GeXP Genetic Analysis System (single rail)	A62684

### Supplies

GenomeLab DNA Separation Capillary Array, 33 cm x 75 mm	608087
GenomeLab Sample Loading Buffer (SLS), 6.0 mL	608082
GenomeLab Separation Gel 1	608010
GenomeLab Separation Buffer, 4/pk	608012
GenomeLab Separation Buffer Plates, Non-sterile, without lids, 300 µL/well, 100/pk	609844
Sample Microtiter Plates, 25/pk, V-bottom, Thermal cycler compatible, 200 µL/well	609801

*The GenomeLab Human STR Primer Set is not for forensic or human linkage analysis.\**

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