

**New AFLP Primer Set for Large Genomes**

**Description:** The amplified fragment length polymorphism (AFLP) technique is one of a number of DNA fingerprinting procedures that takes advantage of the polymerase chain reaction (PCR) to amplify a limited set of DNA fragments from a specific DNA sample (Vos et al. 1995; Blears et al 1998). AFLP's are quickly becoming the tool of choice for many applications and organisms. Potential applications include screening DNA markers linked to genetic traits, parentage analysis, forensic genotyping, diagnostic markers for pathogen borne diseases, and population genetics. Since the AFLP technique can be applied to a wide variety of organisms (and viral sources) with no prior sequence information this technique has the potential to become a universal DNA fingerprinting tool.

**Product information:** The AFLP primer set for large genomes provides sufficient primers for 100 reactions.

**Highlights:**

- Adapters, Pre-selective and selective primers supplied for conducting AFLP experiment
- Does not include other PCR consumables which are readily available in Bangalore Genei.
- Excellent resolution obtained as checked against wide range of tissues from organisms with large genome sizes like plant (both dicots and monocots), various animal, mammalian as well as human tissues

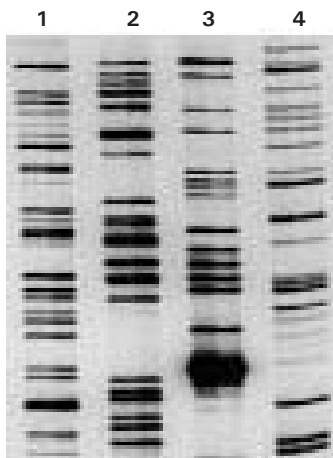
**Materials Provided:**

- LAD AFLP Mix1: Pair of EcoR I adapters
- LAD AFLP Mix2: Pair of Taq I adapters
- LPS AFLP 1 & 2: Forward and reverse primers for pre-selective amplification
- LS AFLP 1 - 10: Forward primers for selective amplification
- LS AFLP 11 - 20: Reverse primers for selective amplification

**Storage:** Store all the primers at -20°C

**Ordering Information:**

Product	Size	Cat #
AFLP Primer Set for Large Genomes	1 Pack	117727



Lane 1 to 4: Human genomic DNA using 4 different primer combinations

Figure: AFLP profile of Human genomic DNA using 4 different primer combinations showing polymorphism