

Universal Reference Products

- From Human, Dog, Monkey, Mouse, and Rat
- Male and Female Adults from Each Species
- Broad Representation of Genes and Proteins

Universal Total RNA

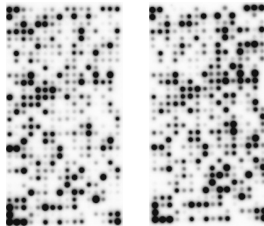


Fig. 1. The consistent micro array hybridization result by using the same amount labeled Humane Universal Total RNA from two different lots

1. Optimization and troubleshooting for both single and two color microarrays
2. Internal standard for two color microarrays
3. Optimization and troubleshooting for both real-time and conventional RT-PCR
4. Determination of standard curves and amplification efficiencies for real-time RT-PCR

Universal cDNA

Universal cDNAs are used as controls for real time PCR and regular PCR, and also gene pools for cloning genes from human, dog, monkey, mouse, and rat tissues

Universal Protein Lysate

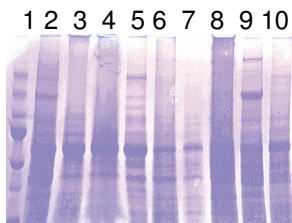


Fig. 2. Universal Protein Lysate covers broad representation of proteins
The protein lysate from lane 2 to lane 10 are:
Human Universal protein lysate, placenta;
Testis; Ovary; Spleen; Thymus; Brain; Liver;
and Pancreas

Universal Protein Lysates are used controls for comparison of protein expression and antibody microarray study