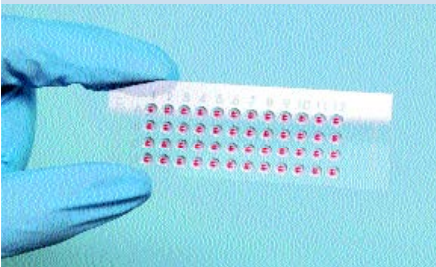


Custom Multiplex Primer Design Service



In silico Primer Design



AmpliGrid AG480F

Features

- High quality in silico primer design for PCR/RT-PCR
- Unmatched highest multiplex grades (up to 120plex)
- One redesign loop included
- Optimized design parameters for 1 µL AmpliGrid assays

Applications

- Investigate cell-by-cell genetic variations of multiple genes in parallel
- Follow-up microarray results in single cells

Advantages

- Adds multiplex capabilities to AmpliGrid single cell system
- Well balanced results
- Great specificity
- >95% success rate with first shot

Order information

| Ref.-No | Product | Description |
|----------|---------------------------------|---|
| OAX04607 | Primer Design RT-PCR 5Plex | Design of a 5-plex primer set for RT-PCR based on GenBank information, one redesign included |
| OAX04608 | Primer Design RT-PCR 20 Plex | Design of a 20-plex primer set for RT-PCR based on GenBank information, one redesign included |
| OAX04610 | Primer Design PCR 5Plex | Design of a 5-plex primer set for PCR based on GenBank information, one redesign included |
| OAX04609 | Primer Design PCR 20Plex | Design of a 20-plex primer set for PCR based on GenBank information, one redesign included |
| OAX04103 | Primer Design Service Custom | Custom Primer Design |

| Primer output file | Date: | 16.04.2007 |
|--|--------|------------|
| John Doe University of XXX Street ZIP, City Order #: 2007-05-1364 Organism: human size_range: 100-300bp size_resolution: 5 bp | | |
| >Nanog_11a | Tm | gPCR size |
| LEFT | 59.816 | 3870 |
| RIGHT | 59.822 | nPCR size |
| | | 266 |
| GCTTACAAGGGTCTGCTACTGAG CTGCTGGAGGCTGAGGTA | | |
| >Ring1_11a | Tm | gPCR size |
| LEFT | 60.088 | 328 |
| RIGHT | 59.249 | nPCR size |
| | | 230 |
| TGCTCGACTGCATGCT AGCCCTTCCTCGATACTGG | | |
| >Sp1_11a | Tm | gPCR size |
| LEFT | 59.228 | 2555 |
| RIGHT | 59.942 | nPCR size |
| | | 119 |
| TACAGCGCTGCANAATGG GCTGCCACGAGGAGTA | | |
| >Hrs1_11d | Tm | gPCR size |
| LEFT | 60.402 | 1752 |
| RIGHT | 59.810 | nPCR size |
| | | 148 |
| ACCACATCTACCGCCAGGT AACTGGAGCCTAACTCTTGGG | | |

Primer output file