Certificate of analysis

| Mouse Feeder Cell Quantification Kit | | | |
|---|--|--|---|
| RR290 | | | |
| Specified on product label | | | |
| -20 degrees C | | | |
| Specified on product label or package | | | |
| 100 Rxns | | | |
| TB Green[®] Premix Ex Taq[™] II (Tli RNaseH Plus) | 2X | 625 µl | x 4 |
| 2. ROX Reference Dye | 50X | 50 µ1 | |
| 3. ROX Reference Dye II | 50X | 50 µl | |
| 4. Mouse_Mt_primer | 10 µM each | 100 µ1 | |
| 5. Mouse_genome_primer | 10 µM each | 100 µ1 | |
| 6. Human_primer_Type I (CHR3) | 10 µM each | 100 µ1 | |
| 7. Human_primer_Type II (CHR7) | 10 µM each | 100 µ1 | |
| 8. Human_primer_Type III (CHR15) | 10 µM each | 100 µ1 | |
| 9. dH2O | | 1 ml | x 2 |
| 10. EASY Dilution (for Real Time PCR) | | 1 ml | x 2 |
| 11. Human Genomic DNA | 100 ng/µ1 | 20 µl | |
| | RR290 Specified on product label -20 degrees C Specified on product label or package 100 Rxns 1. TB Green® Premix Ex Taq [™] II (Ti RNaseH Plus) 2. ROX Reference Dye 3. ROX Reference Dye II 4. Mouse_Mt_primer 5. Mouse_genome_primer 6. Human_primer_Type I (CHR3) 7. Human_primer_Type II (CHR7) 8. Human_primer_Type II (CHR15) 9. dH2O 10. EASY Dilution (for Real Time PCR) | RR290 Specified on product label -20 degrees C Specified on product label or package 100 Rxns 1. TB Green® Premix Ex Taq TM II 2X (Tli RNaseH Plus) 2X 2. ROX Reference Dye 50X 3. ROX Reference Dye II 50X 4. Mouse_Mt_primer 10 µM each 5. Mouse_genome_primer 10 µM each 6. Human_primer_Type I (CHR3) 10 µM each 7. Human_primer_Type II (CHR7) 10 µM each 8. Human_primer_Type II (CHR15) 10 µM each 9. dH2O 10. EASY Dilution (for Real Time PCR) | RR290 Specified on product label -20 degrees C Specified on product label or package 100 Rxns 1. TB Green® Premix Ex Taq TM II (Ti RNaseH Plus) 2. ROX Reference Dye 50X 50 µl 3. ROX Reference Dye II 50X 50 µl 4. Mouse_Mt_primer 10 µM each 100 µl 5. Mouse_genome_primer 10 µM each 100 µl 6. Human_primer_Type I (CHR3) 10 µM each 100 µl 7. Human_primer_Type III (CHR15) 10 µM each 100 µl 9. dH2O 1 ml 100 µl |

Note:

Storage condition of component "TB Green Premix Ex Taq II (Tli RNaseH Plus)": Store in the dark. The storage at -20°C is most recommended for long term storage. Once thawed, store at 4°C and use up within 6 months. Storage condition of components "ROX Reference Dye" and "ROX Reference Dye II": Store in the dark.

Quality Control Data:

Real-time PCR test:

Expected amplification was confirmed by Tm value measured by melting curve analysis of the real-time PCR using mouse and human genomic DNA as templates.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

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Notice To Purchaser:

Please refer to the website.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office: www.takara-bio.co.jp (Japanese) www.takarabio.com (English)

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