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See Some Important Members of
AuPreP Family

AuPreP Citations

CAT # : AUP-2STK-DD-50R [50 Reactions]

AuPreP Gold RT-PCR COMBO KIT with tracking dyes

Introduction

Product Description:

AuPreP Gold RT-PCR COMBO KIT with tracking dyes

Comprises of 2 step protocol comprising of following 2 product units

1. AuPreP Gold cDNA Synthesis Kit
2. AuPreP™ Diamond 2x Double Dye Master Mix

Step 1

cDNA synthesis step-

Using AuPreP Gold cDNA synthesis Kit, RNA is reverse transcribed into single-stranded cDNA. The reverse transcriptase (RT) enzyme synthesizes the new cDNA strand at a site determined by the type of primer used: Oligo(dT) primer, random primer or a sequence-specific primer. The First Strand cDNA can then be used as a template for PCR. The reaction mix solution supplied, contains buffer, RT with reduced Rnase H activity, dNTP's mix with 99% purity & Rnase inhibitor

.....sufficient for 50 Rxns.

Protocol to Step 1:

http://www.lifetechindia.com/AuPreP_Gold_cDNA_Synthesis_Kit_Life_technologies_India_RNA_tools.pdf

NB- The product of the first strand cDNA synthesis can be used directly in PCR. The volume of first strand cDNA synthesis reaction mixture should not comprise more than 1/10 of the total PCR reaction volume. Normally, 2 µl of the first strand cDNA synthesis reaction mixture is used as template for subsequent PCR in 50 µl total volume.

Step 2

Amplification Step-

AuPreP Diamond 2x Double Dye Master Mix is a high density 2X Master Mix containing ultrapure and highly sensitive Taq DNA polymerase, dNTPs, PCR enhancer & stabilizer, buffer with the magnesium concentration optimal for routine PCR, gel loading & tracking dyes.

.....sufficient for 50 Rxns.

Protocol to Step 2:

http://www.lifetechindia.com/AuPreP_DIAMOND_2x_DOUBLE_DYE_MASTER_MIX_Life_Technologies_India.pdf

NB - DETAILED PROTOCOLS COVERING PRODUCTS FOR STEP 1 & STEP 2 ARE ALSO PROVIDED SEPARATELY*. PLEASE GO THROUGH THEM WHILE USING THE PRODUCT .

(* Web links provided as well)