

Clontech® PCR-Select™ Differential Screening Kit

Catalog No.

637403

Amount

each

Lot Number

Specified on product label.

Description

Complete kit for differential screening of subtracted libraries obtained using the Clontech PCR-Select cDNA Subtraction Kit. The differential screening procedure can be used to identify putative differentially expressed sequences in the subtracted library before performing Northern blot analysis. The kit contains reagents for making cDNA probes for differential screening, hybridization control cDNAs, and a complete User Manual.

Package Contents

- 100 µl Nested Primer 1
- 100 µl Nested Primer 2R
- 60 µl Reaction Buffer (-dCTP)
- 60 µl Reaction Buffer (-dATP)
- 50 µl Random Primer Mix
- 20 µl Klenow enzyme (exo-) (2–5 units/µl)
- 100 µl Stop Solution
- 20 µl Negative Hybridization Control (cDNA 1R)
- 20 µl Negative Hybridization Control (cDNA 2R)
- 1 ml Blocking Solution

Storage Conditions

- Store at –20°C

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Dry ice (–70°C)

Product Documents

Documents for Clontech® products are available for download at www.clontech.com/manuals

The following documents apply to this product:

- Clontech PCR-Select Differential Screening Kit User Manual (PT3138-1)

Quality Control Data

Subtraction was performed in both directions according to the User Manual for the Clontech PCR-Select cDNA Subtraction Kit (PT1117-1). cDNA inserts from the forward-subtracted library were arrayed on a nylon membrane. The differential screening procedure was performed according to the User Manual for the PCR-Select Differential Screening Kit (PT3138-1) using both forward- and reverse-subtracted cDNA probes. The ratio of signal to background was >100:1.

Clontech Laboratories, Inc.

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