



cDNA normalization kits: easy way to remove repeated transcripts from cDNA

cDNA normalization results in equalization of the abundance of different transcripts and increase in the number of previously non-detectable genes in cDNA samples. This essentially increases the efficiency of transcriptome sequencing and functional screening.

Evrogen offers kits designed for normalization of full-length-enriched double stranded (ds) cDNA. Both total RNA and polyA+ RNA can be used for cDNA preparation and subsequent normalization. Normalization is performed prior to cDNA cloning, and does not include physical separation steps.

Evrogen normalization kits are based on a proprietary DSN-normalization technology. The key element of this method is degradation of ds DNA fraction formed by high abundant transcripts using duplex-specific nuclease (DSN) from Kamchatka crab.

Depending on your particular needs, you can select Trimmer (Cat.#NK001) or Trimmer-direct kit (Cat.#NK002), wherein the first allows preparation of normalized cDNA ready for nondirectional cloning and the second - for directional cloning. The resulting normalized cDNA can be used for 454 sequencing.

| Product | Cat.# | Size |
|--------------------|-------|--------|
| Trimmer kit | NK001 | 10 rxn |
| Trimmer-Direct kit | NK002 | 10 rxn |

Storage: lyophilized DSN enzyme should be stored at +4°C, other components should be stored at -20°C.

For more information, please visit our web-site:
www.evrogen.com

Custom cDNA normalization service is available from Evrogen.

