

## CERTIFICATE OF ANALYSIS

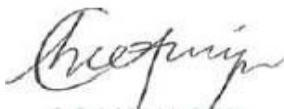
MANUFACTURER : VIVANTIS TECHNOLOGIES SDN. BHD.  
BRAND : VIVANTIS  
PRODUCT NAME : Ribonuclease H (E.coli), 500 UNITS  
COUNTRY OF ORIGIN : MALAYSIA  
VIVANTIS CODE : ME3306 / ME3306-s  
LOT NUMBER : 3006  
EXPIRY DATE : DECEMBER 2013  
COUNTRY OF MANUFACTURE : MALAYSIA  
STORAGE : -20C  
**PRODUCT DETAILS** :

*"T4 DNA LIGASE CATALYZES THE FORMATION OF A PHOSPHODIESTER BOND BETWEEN JUXAPOSED 5'-PHOSPHATE AND 3'-HYDROXYL TERMINI IN THE DUPLEX DNA OR RNA. THIS ENZYME WILL JOIN BLUNT -END AND COHESIVE END TERMINI AS WELL AS REPAIR SINGLE STRANDED NICKS IN DUPLEX DNA, RNA OR DNA/RNA HYBRIDS.."*

**NOTE 1:** The above information is believed to be correct to the best of our knowledge. This information is provided for the purposes of determining material origin and should not be confused with NAFTA "certificate of origin" or be used for other import/export purposes.

**NOTE 2:** This is the signature indicates that the above material has met all quality specifications and has been reviewed by a quality department

Signature:



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Title:

QC MANAGER

Date: 13/03/2011

**Disclaimer:** Vivantis Technologies Sdn. Bhd. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control.

Pairing Nature with Scientific Discoveries

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