

## WT Expression Kit (30 rxn.)

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### CERTIFICATE OF ANALYSIS

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**Catalog # (P/N):** 4411974  
**Lot #:** 4411982 +4C part of 4411974 WT 2.0 (30 rxn) lot# 1310084  
**Functional Testing:** The Control RNA is used in a WT Expression reaction following the instructions in the manual. The samples are then fragmented and labeled using the GeneChip<sup>®</sup> WT Terminal Labeling Kit. The labeled cDNA is then put on an GeneChip Human Exon 1.0ST Array. The cRNA yield is assessed by measuring the A<sub>260</sub> on the NanoDrop ND1000 spectrophotometer. The cDNA yield is assessed by measuring the A<sub>260</sub> on the NanoDrop ND1000 spectrophotometer.  
Result: PASS

Relevant kit components are tested in the following nuclease assays.

**RNase Activity:** A sample is incubated with labeled RNA and analyzed by PAGE.  
Result: PASS

**Nonspecific Endonuclease Activity:** A sample is incubated with supercoiled plasmid DNA and analyzed by agarose gel electrophoresis.  
Result: PASS

**Exonuclease Activity:** A sample is incubated with labeled double-stranded DNA, followed by PAGE analysis.  
Result: PASS

**Protease Activity:** A sample is incubated with protease substrate and analyzed by fluorescence.  
Result: PASS



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### OTHER INFORMATION

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