

# BioGenex

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## DATA SHEET

### Oligo d(T)

**Catalog No.**  
**PR217-100**

**Description**  
0.650 ml fluoresceinated oligonucleotide oligo d(T) probe

**Analyte Specific Reagent. Analytical and performance characteristics are not established.**

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Doc. No. 932-PR217-100; Rev. No. B  
Date of release: 20-Aug-2020

### REAGENT SUPPLIED

1 x 0.650 ml of pre-diluted fluoresceinated oligonucleotide oligo d(T) probe in hybridization solution.

### STORAGE AND HANDLING

Store the probe at 2-8° C. Warm to room temperature immediately prior to use.

### SPECIFICATIONS

The oligonucleotide d(T) probe detects poly (A) tails of mRNAs in formalin-fixed, paraffin-embedded human tissues by *in situ* hybridization.

### DESCRIPTION

Specific hybridization of Oligo d(T) probe to poly(A) tails in FFPE tissues indicates that the material under Test contains intact mRNA. Oligo d(T) probe can be used as a control for RNA *in situ* hybridization experiments using mRNA target probes. Weak or no staining in a test sample indicates that the mRNA in tissue may be compromised.

### QUALITY CONTROL

For Quality Control purpose, each lot of this probe is tested by *in situ* hybridization using formalin-fixed, paraffin-embedded tonsil as control tissue.

### PRECAUTIONS:

The probe contains formamide. Formamide is classified as a teratogen. Pregnant workers should keep exposure to a minimum. Avoid inhalation, ingestion, and contact with unprotected skin. If skin contact occurs, wash thoroughly with soap and water.

For more information, refer to the Material Safety Data Sheet, which is available upon request

### REFERENCES

1. Lee D, Xiong S, Xiong WC. General Introduction to In Situ Hybridization Protocol Using Nonradioactively Labeled Probes to Detect mRNAs on Tissue Sections. *Methods Mol Biol.* 2013;1018:165-74.
2. Wilkinson DG. *In Situ Hybridization, A Practical Approach*, Oxford University Press (1992) ISBN 0 19 963327 4.