

DATA SHEET

Scramble fluorescenated oligo probe

Catalog No.
PR032-100

Description
one vial of 625 µl of probe in hybridization buffer

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

Doc. No. 932-PR032-100 Rev B

Date of release: 20-Aug-2020

Description

The scramble probe sequence does not share homology with miRNA sequences available in the miRBase database.

Specifications

The Scramble probe do not identifies any miRNA sequences or human mRNA sequence in formalin-fixed, paraffin-embedded human tissues or freshly prepared frozen tissues by *in situ* hybridization.

Storage and Handling

Store the reagent at 2-8 °C. Do not freeze. Do not use after expiration date on vial. The reagent must be brought to room temperature before use. (Important! The presence of precipitates induces background staining).

Precautions:

For professional use. 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.

Quality Control

Each lot of this micro RNA probe is tested by *In Situ* hybridization for Quality Control purposes. Refer to the BioGenex Quality Control Testing Conditions table for additional information.

References

1. Kloosterman WP. et al. *in situ* detection of miRNAs in animal embryos using LNA-modified oligonucleotide probes. *Nature Methods*, 3, 27 – 29 (2006).
2. Wheeler G. et al. *In situ* detection of animal and plant microRNAs. *DNA Cell Biol*, 26, 251–255 (2007).
3. Nuovo GJ. In situ detection of precursor and mature microRNAs in paraffin embedded, formalin fixed tissues and cell preparations. *Methods* 44(1),39–46 (2008).
4. Song R. et al. *In situ* hybridization detection of microRNAs. *Methods Mol Biol*. 629, 287-94 (2010).

BioGenex Quality Control Testing Conditions

Parameter	Conditions used
Control Tissue	N/A
Tissue Type	Formalin-fixed, paraffin-embedded muscle tissues