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DATA SHEET
Hsa-miR-183-3p fluoresceinated oligo probe

Catalog No.	Description
HM183-3P-100	One vial of 0.650 ml of probe in hybridization buffer

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

Doc. No. 932-HM183-3P-100
Rev. B
Date of release: 13-Aug-2020

Description
The Hsa-miR-183-3p probe has been designed from mature human miR-183-3p sequence. This fluoresceinated probe is provided in a hybridization buffer for localization of miRNA in FFPE tissue by *In Situ* hybridization.

Specifications
The Hsa-miR-183-3p identifies mature miR-183-3p sequences in formalin-fixed, paraffin-embedded human tissues and/or freshly prepared frozen tissues by *in situ* hybridization. This probe does not react with normal human mRNA or nuclear DNA present in tissues.

Storage and Handling
Store the reagent at 2-8 °C. Do not freeze. Do not use the reagent 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 miRNA 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. Xu F, Zhang H, Su Y, et. al.. (2014). Up-regulation of microRNA-183-3p is a potent prognostic marker for lung adenocarcinoma of female non-smokers. Clin Transl Oncol. 16(11):980-5.
2. Dettmer MS, Perren A, Moch H, et. al.. (2014). MicroRNA profile of poorly differentiated thyroid carcinomas: new diagnostic and prognostic insights. J Mol Endocrinol. 52(2):181-9.
3. Wong LL, Armugam A, Sepramaniam S, et. al.. (2015). Circulating microRNAs in heart failure with reduced and preserved left ventricular ejection fraction. Eur J Heart Fail. 17(4):393-404.

BioGenex Quality Control Testing Conditions

Parameter	Conditions used
Control Tissue	Human TCC tissue
Tissue Type	Formalin-fixed, paraffin-embedded cancer tissues