BioGenex
Accelerating the pace of precision medicine

DATA SHEET
Hsa-miR-944 fluoresceinated oligo probe

Catalog No.	Description
HM944-100	One vial of 0.650 ml of probe in hybridization buffer

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

Doc. No. 932-HM944-100
Rev. C
Date of release: 09-Aug-2024

Description
The Hsa-miR-944 probe has been designed from mature human miR-944 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-944 identifies mature miR-944 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. Kim KH, Cho EG, Yu SJ, Kang H, Kim YJ, Kim SH, Lee TR.(2015) ΔNp63 intronic miR-944 is implicated in the ΔNp63-mediated induction of epidermal differentiation. Nucleic Acids Res. 2015 Sep 3;43(15):7462-79
2. Powrózek T, Krawczyk P, Kowalski DM, Winiarczyk K, Olszyna-Serementa M, Milanowski J. (2015) Plasma circulating microRNA-944 and microRNA-3662 as potential histologic type-specific early lung cancer biomarkers. Transl Res. 2015 Oct;166(4):315-23.

BioGenex Quality Control Testing Conditions

Parameter	Conditions used
Control Tissue	Normal Breast (FB-HM944)
Tissue Type	Formalin-fixed, paraffin-embedded cancer tissues