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DATA SHEET
Hsa-miR-374b fluoresceinated oligo probe

Catalog No.	Description
HM374b-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-HM374b-100
Rev. B
Date of release: 17-Aug-2020

Description
The Hsa-miR-374b probe has been designed from mature human miR-374b sequence. This fluoresceinated probe is provided in a hybridization buffer for localization of miRNA in FFPE tissue by *In Situ* hybridization.

Specifications
The Hsa-miR374b identifies mature miR-374b 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 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. Cascione L, Gasparini P, Lovat F, Carasi S, Pulvirenti A, Ferro A, Alder H, He G, Vecchione A, Croce CM, Shapiro CL, Huebner K. Integrated microRNA and mRNA signatures associated with survival in triple negative breast cancer. PLoS One. 2013;8(2):e55910.
2. Xie J, Tan ZH, Tang X, Mo MS, Liu YP, Gan RL, Li Y, Zhang L, Li GQ (2014). MiR-374b-5p suppresses RECK expression and promotes gastric cancer cell invasion and metastasis. World J Gastroenterol. 2014 Dec 14;20(46):17439-47
3. Du YY, Dai DQ, Yang Z. (2010) Role of RECK methylation in gastric cancer and its clinical significance. *World J Gastroenterol* 2010; **16**: 904-908

BioGenex Quality Control Testing Conditions

Parameter	Conditions used
Control Tissue	Lymph Node (FB-HM374B)
Tissue Type	Formalin-fixed, paraffin-embedded cancer tissues