

DATA SHEET
Hsa-miR-339-5p fluoresceinated oligo probe

Catalog No.
HM339-5P-100

Description
One vial of 0.650 ml of probe in hybridization buffer

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

Doc. No. 932-HM339-5P-100

Rev. C

Date of release: 17-Aug-2020

Description

The Hsa-miR-339-5p probe has been designed from mature human miR-339 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-339 identifies mature miR-339 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. Lee KH, Chen YL, Yeh SD, *et al*: microRNA-330 acts as tumor suppressor and induces apoptosis of prostate cancer cells through E2F1-mediated suppression of Akt phosphorylation. *Oncogene* 28: 3360-3370, 2009
2. Mao Y, Chen H, Lin Y, Xu X, Hu Z, Zhu Y, Wu J, Xu X, Zheng X, Xie L (2013) microRNA-330 inhibits cell motility by down regulating Sp1 in prostate cancer cells. *Oncol Rep.* 2013 Jul;30(1):327-33
3. Yao Y, Xue Y, Ma J, Shang C, Wang P, Liu L, Liu W, Li Z, Qu S, Li Z, Liu Y (2014) MiR-330-mediated regulation of SH3GL2 expression enhances malignant behaviors of glioblastoma stem cells by activating ERK and PI3K/AKT signaling pathways. *PLoS One.* 2014 Apr 15;9(4):e95060.

BioGenex Quality Control Testing Conditions

Parameter	Conditions used
Control Tissue	Kidney, TCC (FB-HM339-5p)
Tissue Type	Formalin-fixed, paraffin-embedded cancer tissues