BOSE INSTITUTE
KOLKATA

TENDER NO. R/MC/CHE/411/13   DATE: 31.05.2013
TENDER TYPE: LIMITED   DUE DATE 17.06.13 at 1.00PM
Tender opening: 2.00 P.M. on 17.6.2013

Description
Quality control and microarray processing-Raw data Microarray Based Human miRNA Profiling (Single color) using Agilent platform: Includes – Agilent whole genome microarray with 60000 features (8x60K format).

Specification:
1 RNA Quality Control - Quality control using Bioanalyzer and QC reportsl RIN Numbers should be provided. Quality control post labeling to check the specific activity and labeling efficiency Hybridization, Scanning using high throughput Agilent scanner with "SureScan" technology at 5 Micron resolution, Automated feature extraction using Agilent Feature Extraction software. Microarray data analysis using latest Genespring 11.5.

 Basic Analysis: Normalization of Data and statistical analysis using Genespring v 11.5. Normalization both inter and intra array using 75th percentile shift method. Normalization with respect to control samples. Statistical analysis includes hierarchical clusters, Heat map, Venn diagram. Target prediction. Differential regulation of miRNA

Quantity: 10 Sample

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