CIRCULATING MICRORNA PANEL FOR THE EARLY DETECTION OF BREAST CANCER AND METHODS THEREOF

ABSTRACT

Disclosed herein is a method for determining whether a subject is suffering from, or is at risk of developing breast cancer, wherein the method comprises detecting differential expression levels of at least two or more miRNA markers from a biological sample, preferably serum. Specifically, miR-133a-3p, miR-497-5p, miR-24-3p, and miR-125b-5p are upregulated, while miR-377-3p, miR-374c-5p, miR-324-5p and miR-19b-3p are downregulated in serum samples from breast cancer cases as compared to non-cancer controls.

Fig. 6