Viapath Genetics Laboratory
Viapath Analytics LLP
5th Floor Tower Wing, Guy's Hospital, London SE1 9RT
Tel: +44 (0) 207 188 2582
email: gst-tr.ViapathGeneticsAdmin@nhs.net

8688

To: Dr Dusko Ilic
ACU
Guy's Hospital
Great Maze Pond
London
SE1 9RT

ARRAY CGH REPORT

CELL LINE

Last Name : **IMSRDEB**
First Names :

Specimen No: 20/02350
Date Taken:
Date Rec'd: 23/01/2020

arr[GRCh37] 15q11.2(20849110_22509254)x1

Array CGH analysis of DNA from this cell line has been carried out using oligonucleotide arrays with ~60,000 probes across the genome.

This test identified a deletion of approximately 1.660Mb from band q11.2 in the long arm of chromosome 15, between base pair coordinates 20,849,110 and 22,509,254. This imbalance is an established benign polymorphism. This deletion was also detected in sample MSRDEB, specimen no. 20/02351.

No significant imbalance was detected.

The results are consistent with a normal female chromosome complement.

Array CGH is a technique for detecting abnormalities of genomic copy number. It has a higher resolution than karyotype analysis, and will therefore detect regions of imbalance too small to be detected by analysis of G-banded chromosomes. It will not detect balanced chromosome rearrangements, regions of homozygosity or ploidy abnormalities such as triploidy, and low level mosaicism may not be detected. Interpretation of array CGH findings is based on current knowledge; future advances may provide further insight.

Array platform: Agilent design 085030. Median resolution: 120kb. Data analysis: Agilent GW. Positional information: GRCh37/hg19

Reported by**: CVL** CVL AC

Authorised by:

Date reported**: 27/02/2020**