

CYTOGENETIC ANALYSIS REPORT

Principal Investigator:	JOHN DOE, Ph.D.	Cytogenetics Number:	CL-XXXX
Submitted By:	JANE POSTDOC	Customer Specimen ID:	XXXXXX
		Passage Date:	6/13/2014
		Received Date:	6/14/2014
		Reported Date:	6/15/2014

Results: ABNORMAL RESULTS: 46,XX,der(18)t(17;18)(q12;q23)[2]/46,XX[18]

INTERPRETATION: G-banded analysis of metaphase cells showed an abnormal female karyotype in two out of twenty cells examined. These abnormal cells have a derivative chromosome 18 resulting from a translocation 17;18 at bands q12 and q23 respectively, resulting in trisomy of chromosome 17 long arm material. This abnormality has been detected in a previous study of this cell line (see DCI: CL-XXXX). Eighteen cells showed an apparently normal female karyotype. There were nonclonal abnormalities seen in one normal metaphase cell, showing loss of chromosome 5. Trisomy of chromosome 17 is a common recurrent cytogenetic abnormality in cultured human embryonic stem cells.

Metaphases Counted:	20	Banding Technique:	G-BANDS
Metaphases Analyzed:	18	Banding Level:	450-500
Metaphases Karyotyped:	2	Cultures Established:	1
Metaphase Partial:	0		

We will exercise our best efforts to accurately analyze the chromosome karyotypes of this specimen. However, the level of resolution in this G-banded analysis does not exclude the presence of small structural abnormalities.

Reviewed By: _____
INDIRA MEHTA, Ph.D.

JOHN DOE, Ph.D.
125 STREET AVE
ROOM 101
CITY, ST 11111

