



Cell Guidance Systems Genetics Service Cytogenetics Laboratory

[Customer Address]

Karyotype on fixed cells of [Sample Name]

Laboratory No: XXX/XXXX

Date of Receipt: XX/XX/XXXX

Date of Report: XX/XX/XXXX

Analysed By: [Cytogeneticist Initials]

Checked By: [Cytogeneticist Initials]

Clinical details: Human stem cells for karyotyping

Abnormal result: Complex karyotype

Chromosome analysis of the fixed cell suspension from this stem cell line, [sample name], has shown an abnormal complex karyotype in all cells examined. The two fully karyotyped cells had 72 chromosomes with multiple numeric and structural abnormalities shared between the two cells.

The list includes a number of additional chromosomes with material of unknown origin replacing or attached to either of the chromosome arms: add(1)(p), add(2)(p), add(6)(p), add(8)(q), add(10)(p), add(10)(q), add(12)(q), add(13)(q), add(16)(p), add(19)(q), add(20)(q), add(22)(p), add(X)(q). These were also detected in other cells examined.

Furthermore, apparent deletions of parts of the chromosomes included: ?del(3)(p), del(6)(q), del(7)(p). Both analysed cells contained a der(14;15), an i?(20)(q10) and several marker chromosomes of similar appearance.

These findings are consistent with an abnormal complex karyotype.

Authorized by

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