

Cell Guidance Systems Genetics Service Cytogenetics Laboratory

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Karyotype on Fixed Cells of Sample 4, P#

Laboratory No: CGS XXXX

Date of receipt: 10/10/2024
Date of report: 18/10/2024

Analysed by: Cytogeneticist name
Report checked by: Technician name

Sample details: Bovine iPSCs for karyotyping

Abnormal Mosaic Karyotype-Please see comment

Chromosome analysis of the fixed cell suspension from bovine Abnormal stem cell line, Sample 4, P#, has shown an abnormal mosaic karyotype in 20 cells examined.

Detailed explanation of analysis findings will be given, including chromosome losses or gains. Structural rearrangements will be described including breakpoints. Where more than one clone is noted the relative proportion of cells will be described.

The preparations obtained from this sample were of sufficient quality to detect numerical and large structural abnormalities.



Laboratory Specifications

Date of cell harvest:	xx/xx/xx
Date of slide preparation:	xx/xx/xx
Date of G-banding:	xx/xx/xx
G-banding resolution range	xxx
Number of cells analysed:	xx
Number of cells karyogrammed:	x
Number of cells counted:	xx

Process and Deviations

The sample was processed according to the K11 service protocol; no deviations were required.

Karyotype is reported according to ISCN guidelines, and all karyograms are imaged using Cytovision software version 7.7.

Analysed by

Charlotte Marshall BSc. (Hons), Post
Graduate Certificate in Clinical
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