

## DEPARTMENT OF FISH & CYTOGENETICS

### Blood Karyotyping Single

Heparin, Whole Blood

### Chromosomal Analysis: GTG Banding

Method Used	: 72 Hr PHA stimulated culture
Specimen type	: Heparinized Peripheral Blood
Specimen Adequacy	: Adequate
Clinical Indication	: ? Fertility related investigations

Banding Resolution	: 400-550 bphs
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### Cytogenetic Profile

Metaphases Counted	20
Metaphases Analyzed	20
Metaphases Karyotyped	05

### Karyotype

Total Chromosome Number	46
Autosomes	44
Sex Chromosomes	: 2(XY)

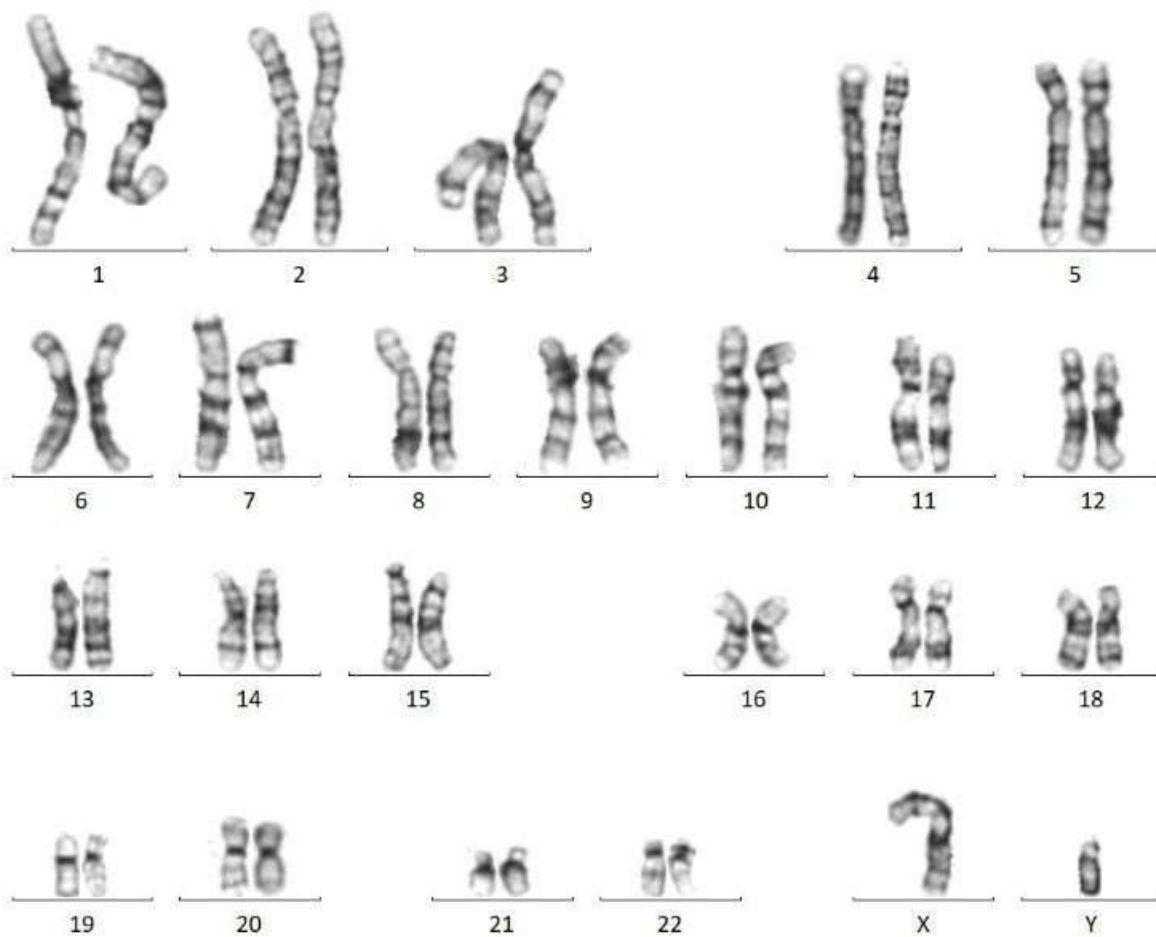
Observation	: 46,XY
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### Interpretation

There is no evidence of any structural or numerical abnormality in any of the cells studied. The karyotype is suggestive of a normal male chromosome complement.

However, the possibility of the presence of submicroscopic or cryptic rearrangements cannot be ruled out.

*Limitation: Low grade clonal rearrangements and/or the presence of submicroscopic or cryptic abnormalities may not be evident on conventional karyotyping. Reported as per ISCN 2020*



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\*\*\* End Of Report \*\*\*