

## 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

### Cytogenetic Profile

Metaphases Counted	20
Metaphases Analyzed	20
Metaphases Karyotyped	05

### Karyotype

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

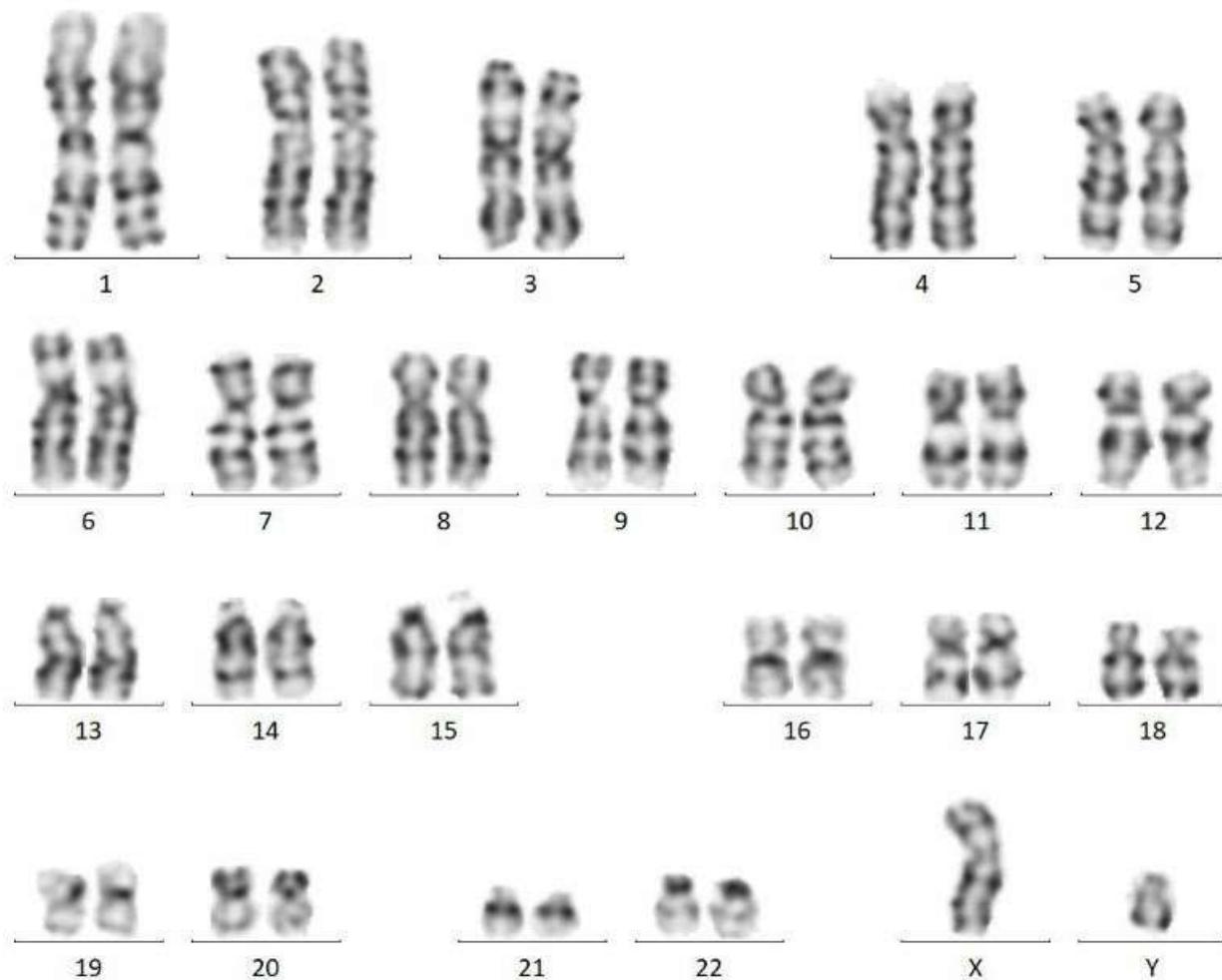
**Observation** : 46, XY

### 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 \*\*\*