



**AMRITA**  
VISHWA VIDYAPEETHAM  
DEEN VIDYAPATH

**Amrita Institute of Medical Sciences**  
Healthcare, Education & Research

**Department of Human Cytogenetics**

Elamakkara P.O, Kochi-682 026, Kerala  
Tel, 0484-2801234, ext : 8194,  
Fax : 0484 - 2802020  
E-mail: hcl@aims.amrita.edu.  
Web: www.aimshospital.org, www.amrita.edu

Name: Baby of Asna Sali  
Age/Sex: 5 Days/Male  
Cytogenetics lab No: C1239/2021  
Referred by: Dr. Jayasree

MIRD No. 2351691

DOB: 13/12/2021

Nature of sample: Peripheral venous blood

Test ordered: Karyotyping

Clinical History: Term/Male/37L. hydronephrosis, Kennedy crease &/ upslant of eyes.  
suspected Down syndrome.

Collected on: 17/12/2021

Received on: 17/12/2021

Reported on: 23/12/2021

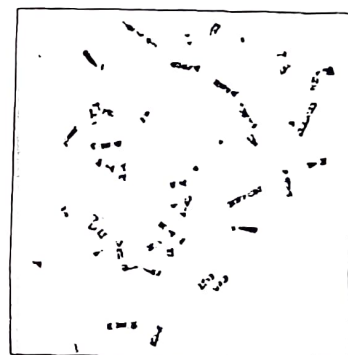
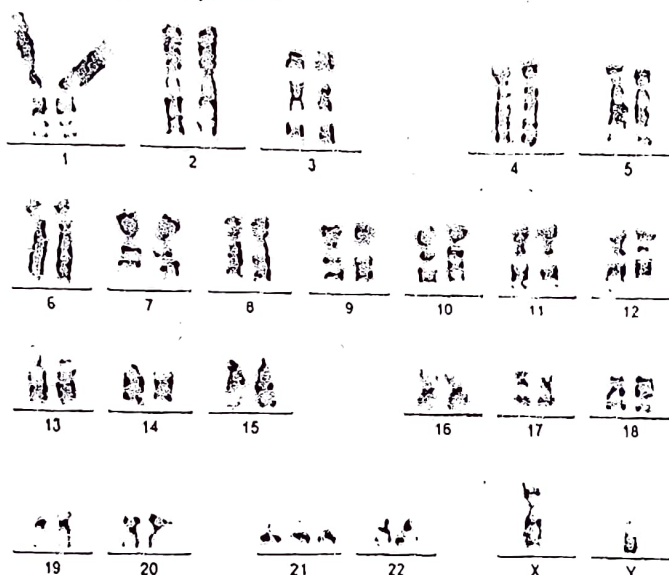
Time: 6.00am

Time: 3.30pm

Time: 1:10pm

Method: Peripheral venous blood Culture

Number of cells analyzed: 25



ISCN result: 47,XY,+21

Interpretation: Chromosome analysis (GTG-banding) revealed an abnormal male chromosome complement with an extra copy of chromosome 21 (Trisomy 21) in all the cells analysed. This condition is Down syndrome.

Genetic counseling is strongly recommended.

*Vidya Jha*

Dr. Vidya Jha

Consultant (I/C), Cytogenetics

\*END OF REPORT\*

**Limitations:** All laboratory investigations have their limitations of sensitivity and specificity, and therefore the final diagnosis of the disease should be done in correlation with other clinical and laboratory findings.

Subtle chromosome alterations cannot be ruled out with the conventional band length of 400-450bp.

All medical reports must be viewed and reproduced as a whole

Test results depend on the quality of sample received.

WISH YOU A GOOD HEALTH

Page 1 of 1