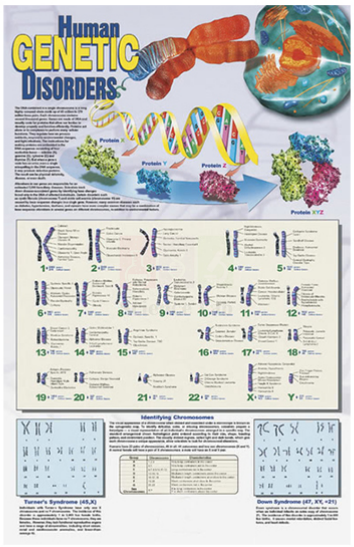
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Product Name :

Human Genetic Disorders Poster

Product Code :

SLE/BL/054



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Description :

Human Genetic Disorders Poster (Product Code: SLE/BL/054) is a wall chart used to show where disease-causing genes sit on the human chromosomes in school and college genetics lessons. Biology teachers use its detailed view of all 23 human chromosome pairs, based on discoveries from the Human Genome Project, printed on an 890mm W x 585mm H sheet. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as part of a biology chart set for schools.

Specifications

Parameter	Detail
Size	890mm W x 585mm H
Chromosomes shown	All 23 human chromosome pairs, in detail
Gene locations	Genes that cause some of the most common genetic disorders discovered to date, as part of the Human Genome Project
Disorders showninclude	Breast cancer, melanoma, deafness, muscular dystrophy, Parkinson's disease, Tay-Sachs disease, cystic fibrosis, colour blindness and many others
Additional illustrations	Detailed 3-D view of a cell, a chromosome and double-helix DNA
Karyotypes	Karyotypes representing Down's Syndrome and Turner's Syndrome
Finish and mounting	Not stated — confirm at enquiry
Product code	SLE/BL/054
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Human Genetic Disorders Poster Used For?

On the wall of a biology room, the poster becomes a reference students return to throughout a genetics unit. Teachers can start at the cell illustration and zoom in — cell, chromosome, DNA double helix — so that students see a gene as a stretch of DNA at a fixed place on one chromosome. The disorder labels then show that conditions such as cystic fibrosis or muscular dystrophy trace back to specific locations, while the colour blindness entry leads naturally into sex-linked inheritance.

The two karyotypes make a good comparison exercise: students count and pair the chromosomes and spot what differs from a typical set — an extra copy of one chromosome in Down's Syndrome, and a missing sex chromosome in Turner's Syndrome. That distinction between single-gene and whole-chromosome disorders is a key idea in senior biology. Among biology teaching aids for schools in India, the poster works well beside DNA models and practical genetics kits; hang it at eye level and away from strong direct sunlight to keep the print clear.

Supplier

The H **nited** , whic charts

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