

Solution to the problem of chromosome spreading

A new device to produce consistent Metaphase Spreads

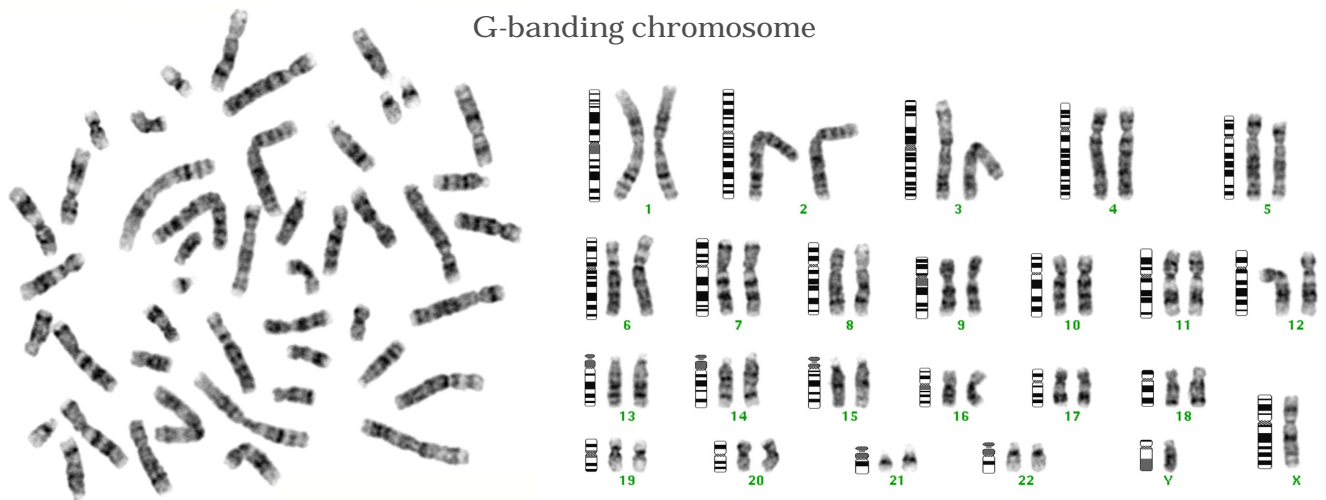
This device enables anyone to create slides of metaphase spreads ideal for genomic analysis such as FISH, CGH, or G-banding. It allows consistent specimen preparation of metaphases by controlling the environmental conditions in which the slides are made. Minimising chromosome overlap in spreads makes analysis easier and more reliable, which streamlines routine work. Improved spreading of chromosomes from difficult tissues such as bone marrows is also possible with this device.

Characteristics:

- Consistent Spreading.
- Rapid stabilising of internal environment
- Increased yield of analysable Metaphases.
- Controlled environment achieved by adjusting the dryness index.
- Sample fluid volume: 10-30µl/sample
- 5 slides can be created concurrently.



Metaphase Spreader



G-banding chromosome

Manufacturer and Distributor

Sales Agency

ADSTEC

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HANABI specifications

Display and Operation

- (1) The temperature display: The base block, the wall, and the humidifying water tank are displayed.
(The display value to the optimum conditions, and is different from a real temperature.)
- (2) The display of the dry level value: A dry level is displayed.
- (3) Pipet: 2-200 μ l chip (5mm in stop part diameter)
- (4) Dropping liquid measure: 10 μ l-30 μ l
- (5) Slide glass: 76.5x26.5(t=0.8-1.2) mm
- (6) The slide cassette: Five slide glasses can be installed at the same time.
- (7) The humidifying water tank: Ten hours can continuously be used.

General Specifications

- (8) Power supply voltage: AC100-120V
- (9) Power supply frequency: 50/60Hz
- (10) Max. Power consumption: 500VA(@100V) – 700VA(@120V)
- (11) Operating temperature range: 15-25 deg.C
- (12) Operating humidity range: 20-80 %RH (Non-condensing)
- (13) Storage temperature range: 0-40 deg.C
- (14) Storage humidity range: 10-90%RH (Non-condensing)
- (15) Outline size: 400W x 320H x 380D
- (16) Weigh 18Kg

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