

١٠٠ كل الصورة والأخطاء

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VII- COMMON PROBLEMS AND ERRORS

تقطع ويسمى خفا

تغير اللون

A- Discontinuities in Sample Application:

هذه قد تكون بسبب applicators غير نظيفة. To clean applicators thoroughly, they should be agitated in water and gently pressed against absorbent paper. Wires should not be cleaned by manual wiping. —————

غير متساوية

لا تنكف

B- Unequal Migration of Samples across the Width of the Gel:

هذا قد يكون بسبب:

- ♦ Dirty electrodes causing uneven application of the electric field.
- ♦ Uneven wetting of the gel.

منطقة

C- Distorted Protein Zones:

هذه قد تكون بسبب:

من
↑ Bent applicators. *قلم*

2 → Incorporation of air bubble during sample application.

3 → Overapplication of sample.

4 → Excessive drying of the electrophoretic support before or during electrophoresis.

5 - Improper tension on a cellulose acetate film.
توتر غير صحيح

D-Irregularities in Sample Application:

These may be due to excessively wet cellulose acetate films or agarose gels.