

C3-SUBTYPES DEMONSTRATED BY "HOME-MADE IMMOBILINE" GENERATED IMMOBILIZED PH GRADIENTS AND IMMUNOBLOTTING. FREQUENCY ANALYSES FOR HANNOVER AND LOWER SAXONY, FRG

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A convenient and considerably cost-saving method recently published by R. CHARLIONET & co-workers for preparing immobilized pH 5.5-5.7 gradients by using 0.2 M aqueous solutions of itaconic acid and dimethyl-aminopropyl-methacrylamide (DMAPMA) instead of commercially available Immobilines has been adopted to demonstrate subtypes of the third component of human complement by isoelectrophoresis and subsequent capillary immunoblotting on nitrocellulose.

The results of a population study for Hannover and Lower Saxony (N>500) including a calculation of the isolated paternity exclusion chance and an estimation of the parentage testing utility of the subtyped C3-system are presented.