

HUMAN HEALTH

ENVIRONMENTAL HEALTH

DETECTING HEMOGLOBIN VARIANTS

RESOLVE® testing system based on IEF

RESOLVE® testing
equipment and RESOLVE
Hemoglobin and Neonatal

Hemoglobin kits are used to isolate hemoglobin forms by means of isoelectric focusing (IEF). The IEF technique combined with the specially formulated gels enables good separation between hemoglobin bands differing by only 0.02 pH units, resulting in highly resolved, identifiable results from whole blood, cord blood or blood spot samples.

- End point method
- High throughput capability
- Neonatal and adult hemoglobinopathy testing
- User-friendly analytical platform
- Most complete hemoglobin identification system



RESOLVE® testing equipment



RESOLVE Hemoglobin and Neonatal Hemoglobin



شوکا زیست
همراه شما در دانش و نوآوری

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PerkinElmer®
For the Better

HUMAN HEALTH

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ANALYSIS BASED ON GEL IMAGING

IsoScan® imaging system for hemoglobin testing

For use with the
RESOLVE® hemoglobin
system, the IsoScan®
Imaging System creates

a high-resolution digital image of the gel so that whole bands can be evaluated on-screen. The system comes complete with specified and tested IsoScan scanner, computer and monitor together with specially developed IsoScan software. You can work through patient samples in groups and individually label suspect bands. Results are generated as individual reports or all samples, listing percentage, pl and comments.



- Supports positive patient identification
- Immediate selection of abnormal samples for retesting
- Individual patient image
- Permanent electronic record
- User-friendly, easy to learn program
- Highly sensitive detection of low-level hemoglobin

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