

VARIANT™ nbs Newborn Screening System

Confidence in newborn screening with the ease of HPLC



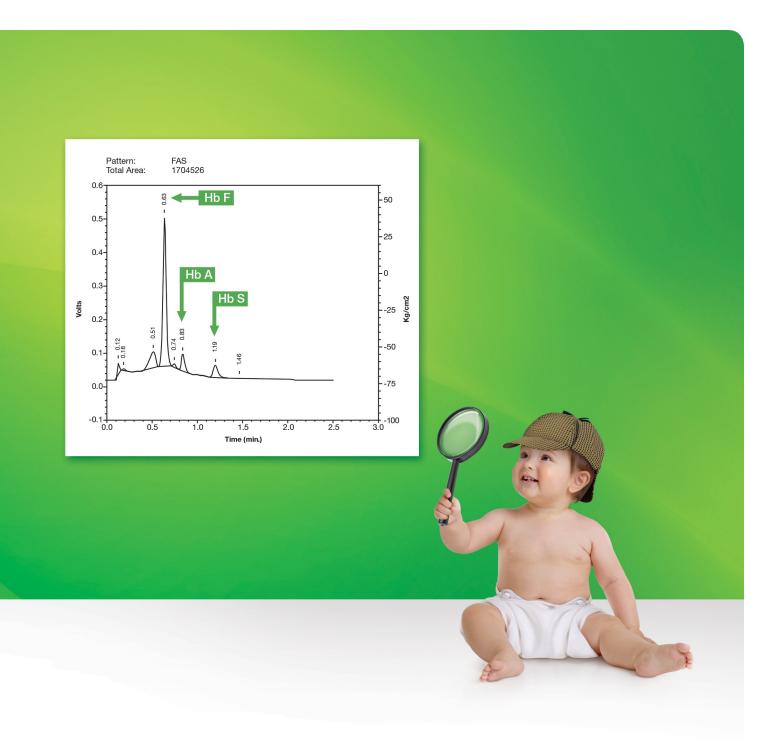
Unlock the full potential of the VARIANT™nbs System and see the total picture.



Powerful data management

- Save time reviewing abnormal results with the pattern filter
- Reduce transcription errors by interfacing easily with laboratory information systems "LIS"
- Export the chromatogram and see more than a numerical value – See the total picture!





Each baby's future rests on the reliable newborn screening result you provide.

With the VARIANT™ nbs System, you get the total picture the first time allowing each baby to quickly receive the appropriate follow-up and care to alleviate the parents' concern.

As easy as

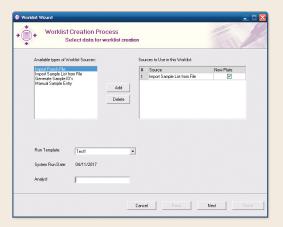


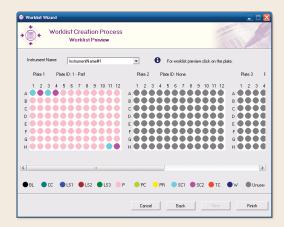
Streamlined
workflow backed
by "smart" software
for increased
efficiency with
confidence you
can trust.

1 Create a worklist

Flexibility

- Import punch files with worklist wizard from a wide variety of sources
- No puncher? Worklist wizard can generate sample IDs for you

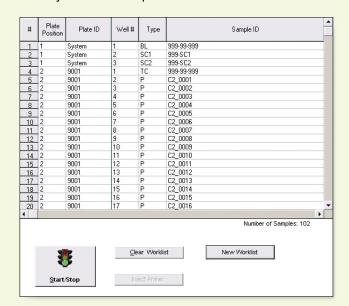




2 Run samples

High capacity for increased productivity

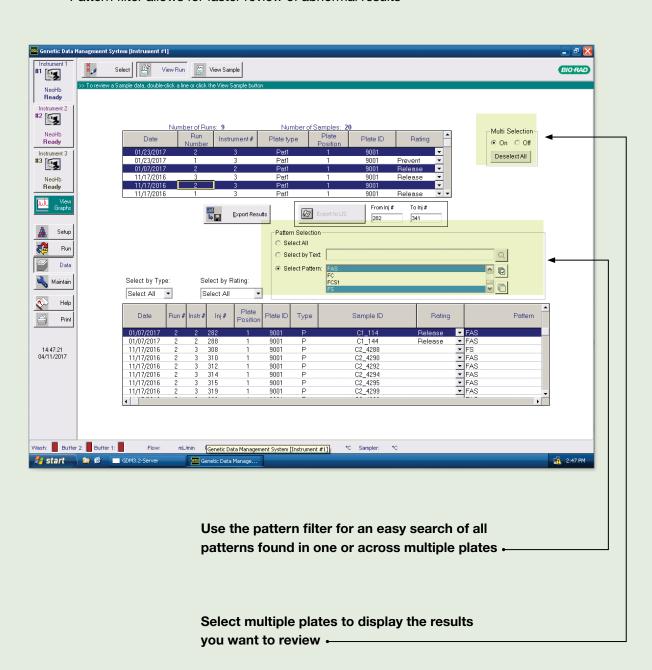
- Run up to 1,128 samples per run with one click
- Fully automated operation saves time and labor



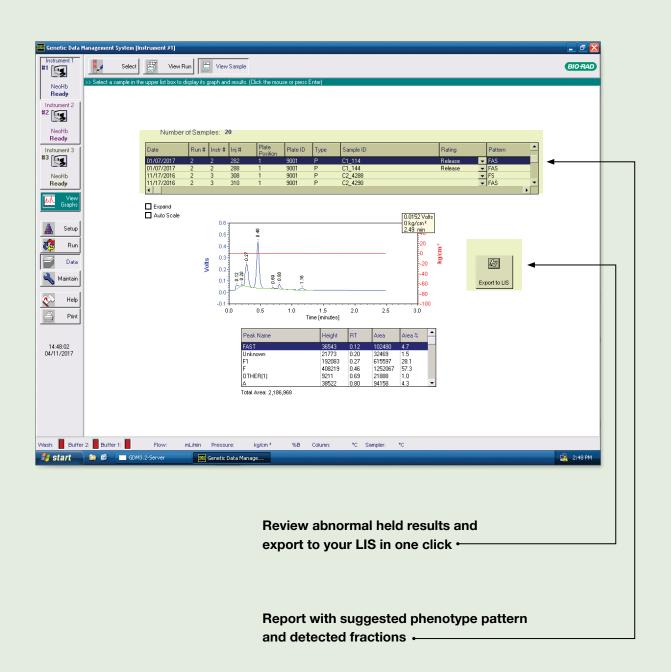
3 Report results

Simplified data management

Pattern filter allows for faster review of abnormal results



- "Smart" reports with suggested patterns based on internal rules
- Results and chromatograms can be exported to your laboratory information system "LIS"

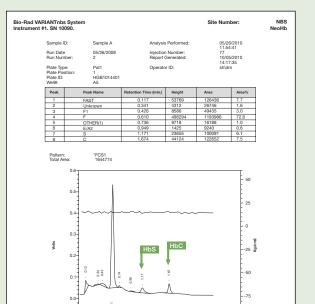


Best in its class



The VARIANT™ nbs System offers:

- Walk away automation
- High capacity up to 1,128 samples per run
- Positive sample tracking with on-board barcode reader
- Confidence with FDA clearance for dried blood spot samples
- High resolution separation with Bio-Rad HPLC
- "Smart" reports with suggested patterns
- Easier results review with the pattern filter
- Streamlined workflow with results and chromatograms export to LIS



Example chromatogram showing a double heterozygote with peaks presenting in both the HbS and HbC windows.

The VARIANT™ nbs System is the established worldwide standard in automated newborn screening for sickle cell disease and other hemoglobin disorders:

- Detects presence of hemoglobins
 (F, A, S, D, C, E) that are clinically significant for identification of the presence of:
 - hemoglobin disorders
 - carrier status for abnormal hemoglobins
 - double heterozygote conditions

Ordering Information

Catalog No.	Description
250-3010	VARIANT™nbs Newborn Screening System
12000136	VARIANT™nbs GDM Workstation Computer1 unit
250-3000	VARIANT™nbs Sickle Cell Program Reorder Pack1000 tests
270-2392	LCD 17" Monitor



Bio-Rad Laboratories For further information, please contact the Bio-Rad office nearest you or visit our website at www.bio-rad.com/diagnostics

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