

VARIANTnbs Newborn Screening System

Confidence in newborn screening with the ease of HPLC



As easy as

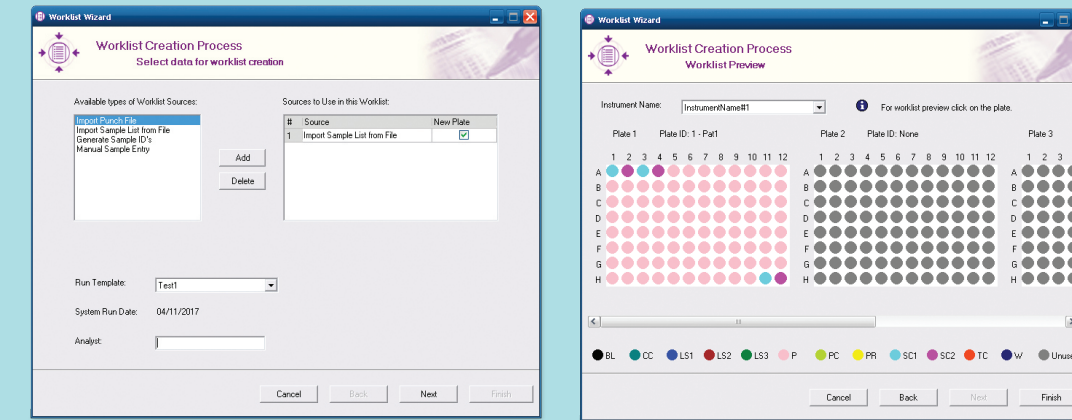


Streamlined workflow backed by smart software for increased efficiency with confidence you can trust.

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



Run samples

High capacity for increased productivity

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

#	Plate Position	Plate ID	Well #	Type	Sample ID
1	1	System	1	BL	999-99-999
2	1	System	2	SC1	999-SC1
3	1	System	3	SC2	999-SC2
4	2	9001	1	TC	999-99-999
5	2	9001	2	P	C2_0001
6	2	9001	3	P	C2_0002
7	2	9001	4	P	C2_0003
8	2	9001	5	P	C2_0004
9	2	9001	6	P	C2_0005
10	2	9001	7	P	C2_0006
11	2	9001	8	P	C2_0007
12	2	9001	9	P	C2_0008
13	2	9001	10	P	C2_0009
14	2	9001	11	P	C2_0010
15	2	9001	12	P	C2_0011
16	2	9001	13	P	C2_0012
17	2	9001	14	P	C2_0013
18	2	9001	15	P	C2_0014
19	2	9001	16	P	C2_0015
20	2	9001	17	P	C2_0016

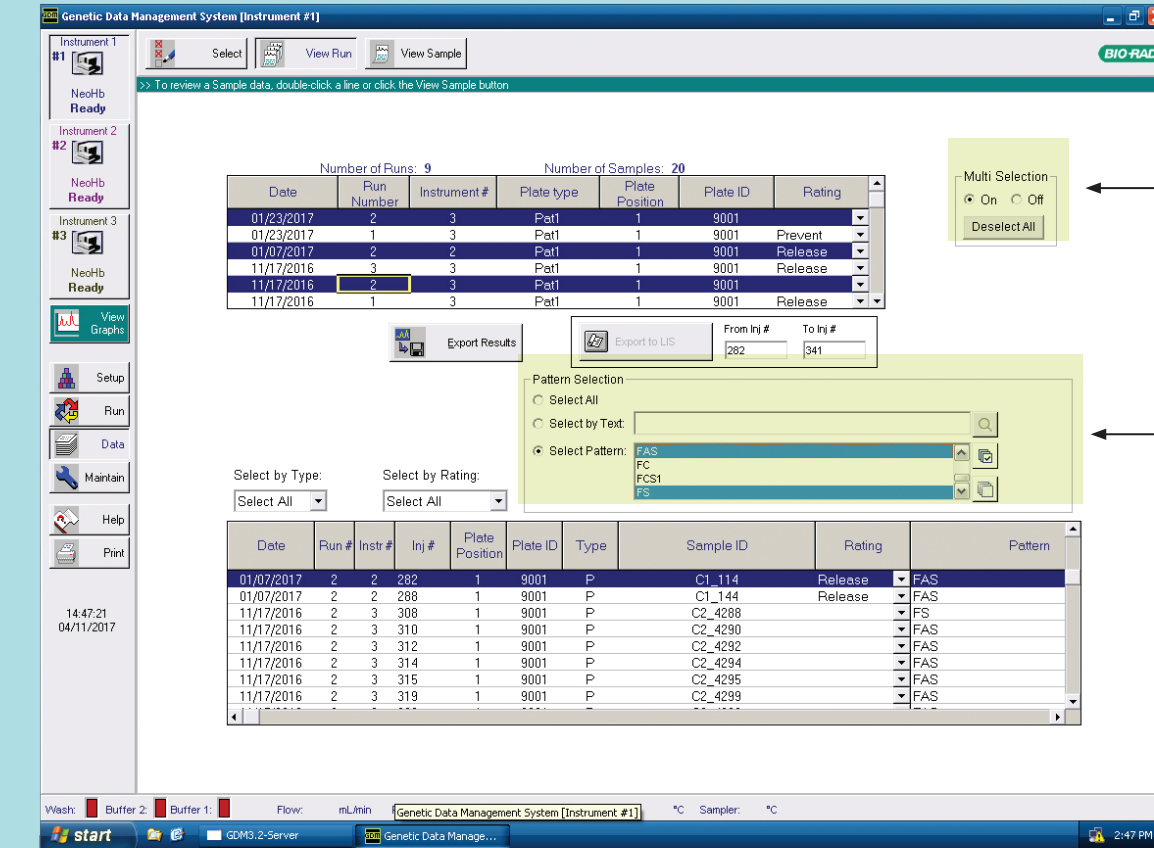
Number of Samples: 102

Start/Stop, Clear Worklist, New Worklist, Print Printer

Report results

Simplified data management

- Pattern filter allows for faster review of abnormal results



Use the pattern filter to easily search patterns in one plate or across multiple plates

Select multiple plates to display the results you want to review

Report results (continued)

Simplified data management

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



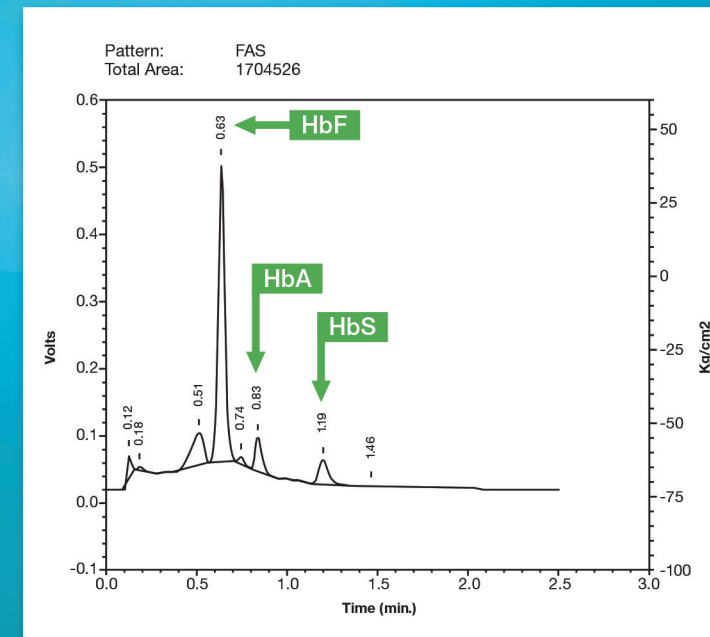
Review abnormal held results and export to your LIS in one click

Report with suggested phenotype pattern and detected fractions

Unlock the full potential of the VARIANTnbs 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!



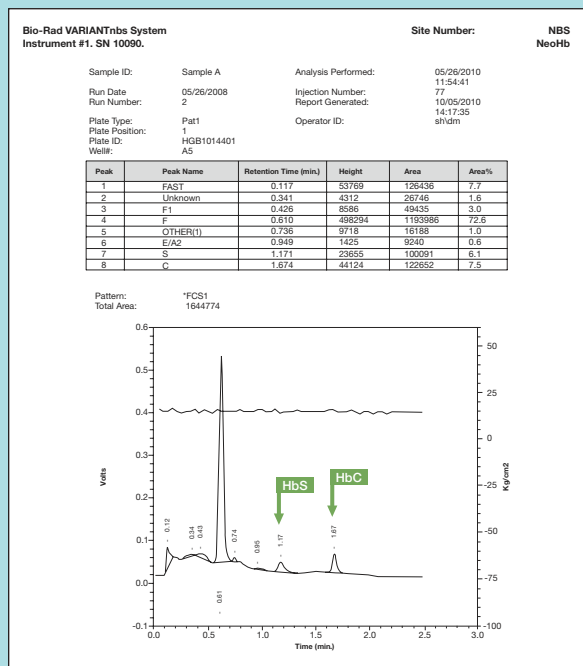
Each baby's future rests on the reliable newborn screening result you provide.

With the VARIANTnbs System, you get the complete hemoglobin pattern to quickly determine the appropriate patient care.

Best in its class

The VARIANTnbs 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



The VARIANTnbs 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 heterozygous conditions

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

Ordering Information

Catalog No.	Description	
250-3000	VARIANTnbs Sickle Cell Program Reorder Pack	1000 tests
250-3010	VARIANTnbs Newborn Screening System	110V/220V
12013237	VARIANTnbs Flex Pro Computer with GDM Software	1 unit
12020600	LCD Monitor with VGA Cable	1 unit

Visit bio-rad.com/diagnostics for more information.

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