



## NEWBORN SCREENING KITS

### Neonatal Phenylalanine

Trimaris Neonatal Phenylalanine is a fluorometric kit developed for neonatal phenylketonuria screening, through quantitative analysis of phenylalanine on dried blood spots.

- Calibrators and controls traceable to international certified standards
- Superior analytical properties
- Easy to perform
- Good agreement with EQA samples

### Neonatal Biotinidase

Trimaris Neonatal Fluorometric Biotinidase is a fluorometric enzymatic assay kit developed for neonatal biotinidase deficiency screening, through semi-quantitative analysis of biotinidase on dried blood spots.

- Easy to perform
- Good stability
- Good agreement with EQA samples

### Neonatal TSH FEIA

Trimaris Neonatal TSH FEIA is a fluorometric enzymatic immunoassay kit that is developed to screen congenital hypothyroidism in neonates and quantifies Thyroid Stimulating Hormone (TSH) in dried blood spots.

- Calibrators and controls traceable to international certified standards
- Minimal background
- Superior sensitivity and reproducibility
- Good agreement with EQA samples

### Neonatal IRT FEIA

Trimaris Neonatal IRT FEIA is a fluorometric enzymatic immunoassay kit that is developed to screen cystic fibrosis in neonates and quantifies Immunoreactive Trypsinogen (IRT) in dried blood spots.

- Superior reproducibility
- Minimal background
- Excellent sensitivity
- Good agreement with EQA samples

## Congenital Adrenal Hyperplasia LC-MS/MS

Trimaris Congenital Adrenal Hyperplasia LC-MS/MS kit is a mass spectrometry kit that is developed for second-tier testing of congenital adrenal hyperplasia (CAH). This kit is designed for accurate and sensitive quantitation of 17-hydroxyprogesterone, androstenedione, cortisol, 11-deoxycortisol and 21-deoxycortisol in dried blood spots.

- Highly sensitive method
- Deuterated internal standards
- Excellent separation of analytes

## Aromatic Amino Acids HPLC

Trimaris Aromatic Amino Acids HPLC kit is an HPLC-UV kit that is developed to monitor effectiveness of dietary therapy in patients with hyperphenylalaninemia. The kit allows to quantitative measurement of phenylalanine, tyrosine and tryptophan levels in plasma samples during dietary therapy period. DBS testing is also possible with same kit.

- Accurate and sensitive method
- One step sample preparation
- DBS calibrator and controls are available

## Ordering Details

BR071230	Neonatal Phenylalanine Kit	3840 tests
BR071220	Neonatal Fluorometric Biotinidase Kit	4800 tests
BR071210	Neonatal TSH FEIA Kit	960 tests
BR071211	Neonatal TSH FEIA Kit	4800 tests
BR071270	Neonatal IRT FEIA Kit	960 tests
BR071271	Neonatal IRT FEIA Kit	4800 tests
BR130022	CAH-Mass Kit	200 tests
BR130023	CAH-Mass Kit	500 tests
BR130023C1	CAH-Mass Kit Analytical Column	1 pc
BR140010	Aromatic Amino Acids HPLC Kit	100 tests
BR140011	Aromatic Amino Acids HPLC Kit	500 tests
BR140011C1	Aromatic Amino Acids HPLC Kit Analytical Column	1 pc



## Internal Quality Control Materials For Newborn Screening

Clinically validated positive and negative dried blood spot controls for use with newborn screening assays.

Used for:

- Internal quality control
- Independent quality control
- Verification of assays
- Routine monitoring of laboratory performance

Benefits:

- Human blood – commutable matrix
- Suitable hematocrit values for newborns
- Independent of test method – high compatibility
- Traceable values – value sheet included

## Ordering Details

BR071230KS	Phenylalanine 2-Level DBS Control Set	5 sets
BR071211KS	TSH 2-Level DBS Control Set	5 sets
BR071271KS	IRT 2-Level DBS Control Set	5 sets
BR071220KS	Biotinidase 2-Level DBS Control Set	5 sets
BR130023CS	Congenital Adrenal Hyperplasia 5-Level DBS Calibrator Set	5 sets
BR130023KS	Congenital Adrenal Hyperplasia 3-Level DBS Control Set	5 sets
BR140011CS	Aromatic Amino Acids Plasma Calibrator	5 x 1 vial
BR140011KS	Aromatic Amino Acids 2-Level Plasma Control Set	5 x 2 x 1 vial