

**NEWBORN AND PRENATAL SCREENING LIST OF MAJOR EQUIPMENT,
REAGENTS, AND CONSUMABLES TO BE PROVIDED BY
THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH**

EQUIPMENT

NEWBORN SCREENING

TEST

ITEM

NBS General Equipment

Automatic Puncher & reader, 2
Barcode generator, 2
Sample Processor, 2
Vortexers, 4
Process Controller, 2
Router
Review Station PC, 2
Printer

MS/MS for Amino Acids & Carnitines

QuattroMicro 4
Nitrogen Generator 4
Incubator 3
Ultrasonic bath 3
Puncture DBS* 2
Puncture Pantera*† 2
Apricot 3
Supervisor PC 2
Printer 2
Barcode Generator* 3

* Common for both Classic and MS/MSNBS

† Pantera can punch blood spot for 9 different assays at the same time.

Hemoglobins

HPLC, 2
each consisting of:
3 – chromatography stations
3 - samplers
1 – process controller
1 – printer

Transferase & Biotinidase

API 300, 4
Process Controller, 4

TSH, 17-OH-progesterone,
& IRT

AutoDELFI A, 2/3
Process Controller, 2/3

SCID

Thermal Cycler for PCR, 2
Analyzers 2

PRENATAL SCREENING

DSX, 4
Process Controllers, 4
AutoDELFI A, 4
Process Controllers, 4
Vortexers, 2
Supervisor PC, 2
Barcode Generator & PC, 2
Printer
Centrifuge
Router

GENERAL EQUIPMENT

Scanners
Key Entry Terminal(s)
Router

REAGENTS AND CONSUMABLES

NEWBORN SCREENING

Assay reagents, supplies, calibrators and quality control materials for MS/MS, TSH, Transferase, Biotinidase, 17-OH-progesterone, IRT assays, SCID reagents (when available)

Quality Control Specimens

Hemoglobin Reagent System which includes:

Chromatography columns
Standards
Controls
Buffers
Wash solutions
Column primers

Printer toner/ink cartridge

Barcode labels

Barcode ribbon

Timer, digital, with alarm

PRENATAL SCREENING

PAPP-A test kit with standards and controls and test reagents

Inhibin A test kit with standards and controls and test reagents

hCG test kit with standards and controls and test reagents

AFP test kits with Standards and Controls and test reagents

Estriol (uE3) test kits with standards and controls and test reagents

Sample rack tray

Sample rack

Appendix 7

Cap holder
Dilution vessels
Dilution cup
Dilution strips
Pipette tips
Printer toner/ink cartridge
Barcode labels
Barcode ribbon
Timer, digital, with alarm