

Whatman®



NEWBORN SCREENING TEST

SCREENING YOUR BABY FOR METABOLIC DISORDERS

1st Step Newborn Screening test is performed ideally when your baby is one to two days old (though it can be done later). It checks your baby for certain serious but treatable metabolic disorders that may go undetected without such testing. Metabolic disorders prevent the baby from 'processing' food properly, leading to an accumulation of toxic chemicals in the blood that are harmful to the baby's normal development.

Early detection and treatment can help prevent irreversible health issues or even fatal consequences for a baby. Many babies suffer from these disorders but since there is no testing, no one ever knows the reasons behind their health issues.



Is this a new test?

Newborn Screening (NBS) is done in many countries including the US, Australia, Canada, Singapore, Philippines. However, in India, NBS is still in its infancy but slowly, the awareness is increasing. NeoGen Labs runs the statewide NBS programme in collaboration with the government of Goa. Every baby born in a Goa state healthcare facility gets comprehensive screening for 50 disorders.

What does the test involve?

The test involves a quick and painless prick. A few drops of blood from your baby's heel are then placed on a special type of filter paper. This paper is sent to NeoGen Labs where it is tested for 51 metabolic disorders. Results are normally available within five days.

Whatman 903™ (GE Healthcare)

The 903 Specimen collection paper from Whatman is used by NeoGen Labs to collect the sample. The associated packaging is custom designed and manufactured under controlled conditions by Whatman (a GE Healthcare company), to maintain sample integrity in the harsh environmental conditions in India.

The bar coded specimen collection paper is an FDA approved IVD device and meets all CLSI newborn screening standards to ensure that sample integrity and patient data is not compromised.

Do we still get our baby tested even if there is no family history of these disorders?

Your baby may be born with a disorder, even if you have no family history of problems and you have already had healthy children. In fact, most children who are diagnosed with one of these disorders come from families with no previous history of these conditions.

But my baby looks healthy...

Babies with these disorders may look and act like normal, healthy babies. Newborn screening helps your doctor diagnose a serious medical condition prior to your baby showing any symptoms. The earlier a disorder is detected, the greater chance your baby has of living a normal, healthy life.

What happens after the test is done?

If your baby is tested positive for a disorder, your doctor is notified immediately so that there are no delays in treatment. In most cases, treatment includes dietary changes or medication. If the results of your baby's tests are normal, there is nothing to worry about.

To know more about **1st Step** Newborn Screening, please visit:

www.neogenlabs.com www.savebabies.org www.babysfirsttest.org



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www.whatman.com

NeoGen Labs and Whatman (a GE Healthcare company) partner to provide Newborn Screening Services adhering to global standards. NeoGen Labs is NABL accredited.