Oreana®
neonatal screening

Newborn testing for early genetic insight

SAFE | SENSITIVE | RELIABLE

WHAT IS **Oreana** NEONATAL SCREENING?

Oreana is a genetic test that screens for genetic conditions which affect normal development in newborns, infants or young children. The disorders screened by Oreana have symptoms that may not be apparent at birth. However, symptoms for these conditions can manifest quickly, pose a critical threat to the health or future development of the infant and require urgent treatment.

Most of the disorders included in Oreana are either **treatable** or have a **simple management plan** such as following dietary restrictions and taking prophylactic measures. When initiated early, symptoms can be **prevented** or their severity may be reduced, improving the prognosis and life expectancy of affected infants.

106 GENETIC CONDITIONS

Oreana tests for 106 genetic conditions that when detected early, can prevent or reduce serious consequences such as developmental delay, cognitive impairment, neurological and physical problems and premature death.

- **METABOLIC DISORDERS**
- **ENDOCRINE DISORDERS**
- **HAEMOGLOBIN DISORDERS**
- **HEARING LOSS DISORDERS**
- **IMMUNODEFICIENCY, PULMONARY OR MUSCULOSKELETAL DISORDERS**

WHAT ARE THE BENEFITS OF EARLY DETECTION?

- Prevent the onset of symptoms
- Minimize the severity of symptoms
- Limit irreparable health damage
- Avoid a late and lengthy diagnosis
- Start early interventions and clinical management
- Advice on available experimental therapies or clinical trials, where appropriate

HOW IS **Oreana** PERFORMED?

Oreana is a non-invasive, safe and easy test to perform. Sample is collected via a buccal swab, by moving it in circular movements in the inside of the cheeks.

WHO IS **Oreana** NEONATAL SCREENING FOR?

Asymptomatic newborns and infants for early detection

Symptomatic newborns, infants, or young children who have signs or symptoms of a disease that can be difficult to be clearly identified, due to complexity or variability of symptoms

WHAT WILL THE REPORT TELL ME?

POSITIVE
PATHOGENIC OR LIKELY PATHOGENIC MUTATIONS

NEGATIVE
NO MUTATION DETECTED

Positive or negative results on mutations tested

POSITIVE

Thorough interpretation and significance of any positive mutations detected

Variants of Unknown Significance (VUS) are not reported. Inconclusive results may occasionally be issued.

NIPD GENETICS
A MEDICOVER COMPANY

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