

NEWBORN SCREENING / PRODUCT RANGE



IMMUNOASSAY

IMMUNOASSAY				
ELISA ASSAYS		PACKAGE SIZES		
Disease	Product name	192 determinations	576 determinations	1920 determinations
Congenital Hypothyroidism (CH)	Neonatal TSH	V	V	V
	<i>Product code</i>	<i>E-GP-192C</i>	<i>E-GP-576C</i>	<i>E-GP-1920C</i>
	Neonatal T4 *	V	V	
	<i>Product code</i>	<i>E-LP-192</i>	<i>E-LP-576</i>	
Cystic Fibrosis (CF)	Neonatal IRT	V	V	V
	<i>Product code</i>	<i>E-KR-192C</i>	<i>E-KR-576C</i>	<i>E-KR-1920C</i>
	Nonatal PAP	V		
	<i>Product code</i>	<i>E-LC-192</i>		
Congenital Adrenal Hyperplasia	Neonatal 17-OH-P	V	V	V
	<i>Product code</i>	<i>E-GQ-192C</i>	<i>E-GQ-576C</i>	<i>E-GQ-1920C</i>
ENZYMATIC ASSAYS				
		288 determinations	576 determinations	1920 determinations
Phenylketonuria	Neonatal PKU	V	V	V
	<i>Product code</i>	<i>E-IW-288C</i>	<i>E-IW-576C</i>	<i>E-IW-1920C</i>
Galactosemia	Neonatal Total Galactose	V	V	V
	<i>Product code</i>	<i>E-IZ-288C</i>	<i>E-IZ-576C</i>	<i>E-IZ-1920C</i>
	Neonatal GALT *	V		
	<i>Product code</i>	<i>E-LU-288</i>		
Maple Syrup Urine Disease	Neonatal MSUD	V	V	V
	<i>Product code</i>	<i>E-IY-288C</i>	<i>E-IY-576C</i>	<i>E-IY-1920C</i>
		480 determinations	1920 determinations	
Glucose-6-Phosphate Dehydrogenase Deficiency	Neonatal G6PD	V	V	
	<i>Product code</i>	<i>E-IX-480</i>	<i>E-IX-1920</i>	
Biotinidase Deficiency	Neonatal Biotinidase	V	V	
	<i>Product code</i>	<i>E-KH-480</i>	<i>E-KH-1920</i>	



DNA ANALYSIS

DNA ANALYSIS			
Spinal Muscular Atrophy	Targeted qPCR SMA *	480 determinations	
	<i>Product code</i>	<i>K-LT-480</i>	
Sickle Cell Disease	Targeted qPCR SCD Hbs *	25 determinations	
	<i>Product code</i>	<i>K-LQ-25</i>	



MASS SPECTROMETRY

MASS SPECTROMETRY			
Hemoglobinopathies	Targeted MS/MS Hemo *	480 determinations	
	<i>Product code</i>	<i>J-LS-480</i>	
Phenylketonuria and Maple Syrup Urine Disease	Targeted MS/MS PKU-MSUD	960 determinations	
	<i>Product code</i>	<i>J-KU-960</i>	



PUNCHERS

BSD PUNCHERS			
BSD 600 Ascent A2		H-KC-066	
BSD 600 Ascent M2		H-KC-065	
BSD Nova M4		H-KC-070	
BSD 300		H-KC-004	

* Coming soon



ZenTech

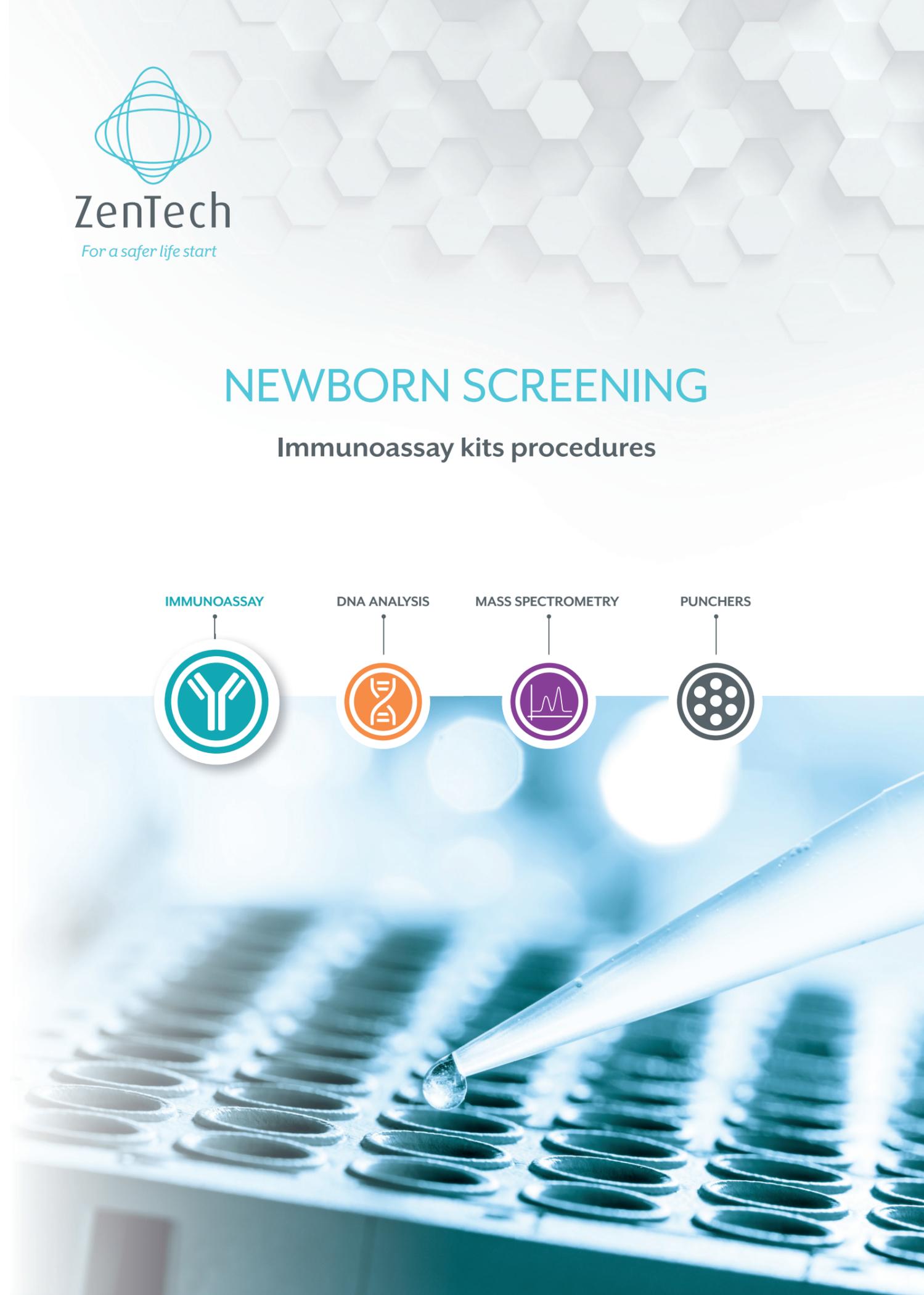
For a safer life start

NEWBORN SCREENING

Immunoassay kits procedures



ZenTech S.A.
 Liège Science Park
 Avenue du Pré-Aily, 10 - 4031 ANGLEUR - BELGIUM
 Phone: +32 (0)4 361 42 32 - Fax: +32 (0)4 367 00 63
info@zentech.be - www.zentech.be





ZenTech

IMMUNOASSAY KITS PROCEDURES

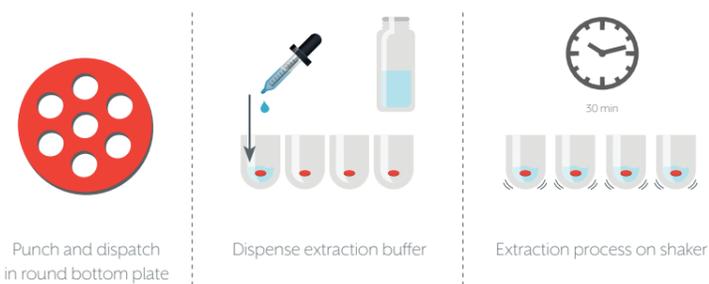
ZENTECH OFFERS A FULL PANEL FOR NEWBORN SCREENING CENTERS.

The main parameters can be accurately screened via an Enzymatic or an ELISA assay method. Because of the heterogeneity of the diseases and markers to be screened, assay protocols may differ significantly. The protocols are summarized in 4 groups of parameters :

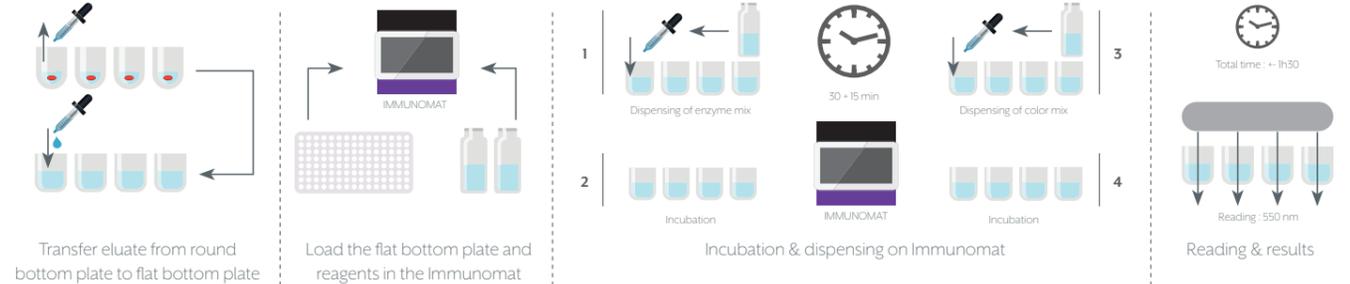
- 1- Enzymatic Assays compatible with automates: PKU, MSUD, and Total-Galactose.
- 2- ELISA Assays compatible with automates: TSH, I7OHP, IRT, PAP and T4.
- 3- Specific Enzymatic Assay protocol for G6PD activity determination.
- 4- Specific Enzymatic Assay protocol for Biotinidase activity determination.

AUTOMATED

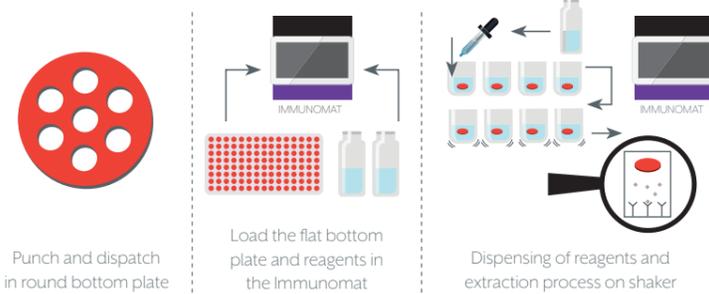
1- Procedures for Enzymatic Assay with Automates



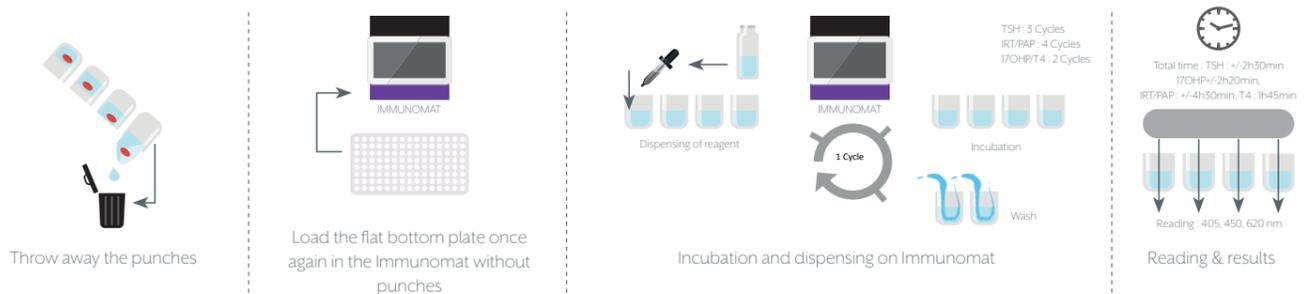
> Dedicated to PKU – MSUD – Total Galactose



2- Procedures for ELISA Assay with Automates

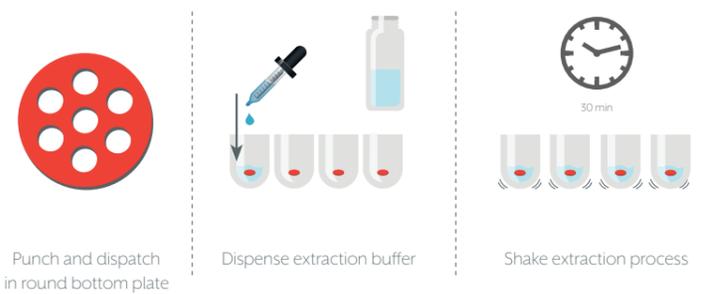


> Dedicated to TSH - I7OHP - IRT - PAP - T4

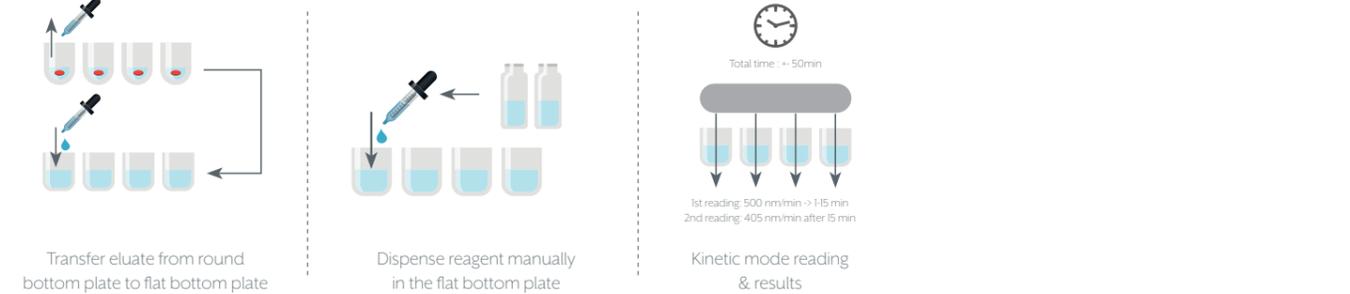


MANUAL

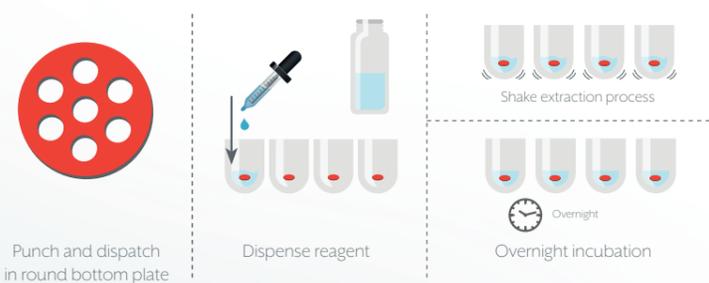
3- Specific assay protocol for G6PD



> Dedicated to G6PD



4- Specific assay protocol for Biotinidase



> Dedicated to biotinidase

