



Prenatal screening of Down's Syndrome

during the **first trimester** of gestation



Two separated enzyme immunoassays for the quantitative determination of **PAPP-A** and **FREE β -hCG*** in human serum



ZenTech

ORDERING INFORMATION

ELIZEN Free β -hCG :

Code : **E-GW-96**

Package Size : 96 tests/kit

ELIZEN PAPP-A :

Code : **E-GS-96**

Package Size : 96 tests/kit



Indications

- ELIZEN Free β -hCG Elisa kit is intended to the quantitative measurement of Free β subunit of the human chorionic gonadotropin in human serum.
- PAPP-A Elisa kit is intended for the determination of the pregnancy associated plasma protein-A (PAPP-A) in human serum during the first trimester of pregnancy (at 9 to 13 gestational weeks) for the screening of Down's syndrome and other chromosoma abnormalities.

Features

- No predilution sample
- High sensitivity
- Two internal controls
- 8 wells breakable strips
- Manual or easy automated technique

Performance characteristics

- **Detection limit**
 - PAPP-A : 1.5 mg/L
 - Free β -hCG : 0.94 mIU/mL
- **Measuring range**
 - PAPP-A : 0 to 45 mg/L
 - Free β -hCG : 0 to 300 mIU/mL

The most comprehensive Down's syndrome screening program including

- Prenatal screening during the first and the second trimester
- An original T21 software** for the risk assessment of Trisomy 21, Trisomy 18 and Neural tube defect.



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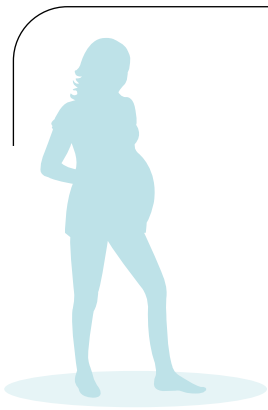
*The Free-beta hCG kit has not received CE mark for Down's syndrome screening. This assay is not available for Down Syndrome screening in the following countries: Austria, Belgium, Switzerland, Germany, Denmark, Spain, France, The United Kingdom, Italy, Liechtenstein, Luxemburg, The Netherlands, Sweden, Japan, Australia and the United States of America.

**The T21 software is not available in the following countries: Austria, Belgium, Switzerland, Germany, Denmark, Spain, France, The United Kingdom, Italy, Liechtenstein, Luxemburg, The Netherlands, Sweden, Japan, Australia and the United States of America.



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PRENATAL SCREENING



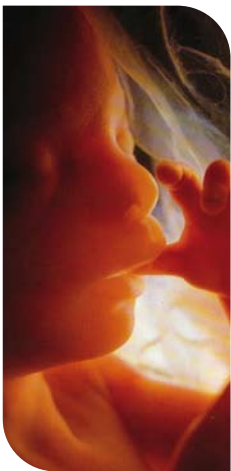
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Assay procedure

ELIZEN PAPP-A and ELIZEN Free β -hCG tests are sandwich enzyme immunoassays supplied as separate kits of 96 tests.

The procedure of the both tests is standardized so that they can be easily performed simultaneously.



		ELIZEN Free β -hCG	ELIZEN PAPP-A
Sample and controls	(μ L)	10	10
Dilution buffer	(μ L)	200	200
Incubation time 37°C	(min)	60	60
Number of washings		4	4
Peroxidase conjugate	(μ L)	100	100
Incubation time 37°C	(min)	60	60
Number of washings		4	4
TMB solution	(μ L)	100	100
Incubation time RT	(min)	10	10
Stopping solution	(μ L)	100	100

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