



Prenatal screening of Down's Syndrome

during the **second trimester** of gestation



Three separated enzyme immunoassays for the quantitative determination of **AFP**, **total hCG** and **Free Estriol** in human serum



ZenTech

ORDERING INFORMATION

ELIZEN AFP :

Code : **E-GT-96**

Package Size : 96 tests/kit

ELIZEN Total hCG :

Code : **E-GV-96**

Package Size : 96 tests/kit

ELIZEN Free Estriol :

Code : **E-GU-96**

Package Size : 96 tests/kit



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Indications

- Quantitative measurement in human serum during the second trimester of pregnancy when screening pregnancies for Down's Syndrome

Features

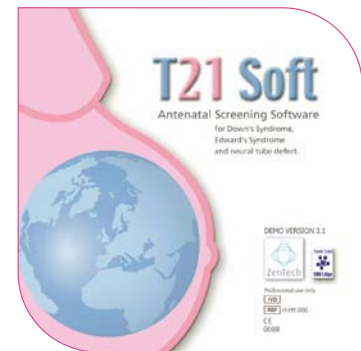
- High sensitivity
- Calibrators ready to use
- Two internal controls
- 8 wells breakable strips
- Manual or easy automated technique

Performance characteristics

- **Detection limit**
 - AFP : 1.6 IU/L
 - Total hCG : 3.2 IU/mL
 - uE3 : 0.21 ng/mL
- **Measuring range**
 - AFP : 0 to 330 IU/mL
 - Total hCG : 0 to 130 IU/mL
 - uE3 : 0 to 20 ng/mL

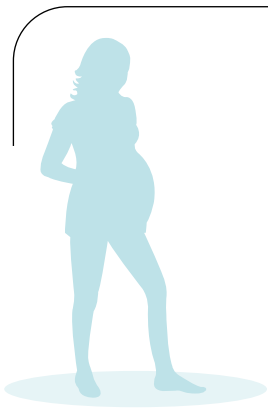
The most comprehensive Down's syndrome screening program including

- 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.



ZenTech

PRENATAL SCREENING



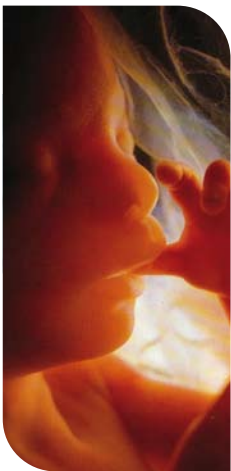
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Assay procedure

ELIZEN AFP and ELIZEN Total hCG tests are sandwich enzyme immunoassays supplied as separate kits of 96 tests.

ELIZEN Free Estriol is an immunoassay based on the competition principle.



		ELIZEN AFP ▽	ELIZEN Total hCG* ▽	ELIZEN Free Estriol ▽
Sample and controls	(μ L)	25	100	50
Dilution buffer	(μ L)	75		
Peroxydase conjugate	(μ L)	-	-	50
Incubation time	(min)	60	60	150
Incubation temperature		37 °C	37 °C	20-25 °C
Number of washings		4	4	-
Peroxidase conjugate	(μ L)	100	100	-
Incubation time 37°C	(min)	60	60	-
Number of washings		4	4	4
TMB solution	(μ L)	100	100	100
Incubation time RT	(min)	10	10	10
Stopping solution	(μ L)	100	100	100

*hCG assay : predilution of samples and controls 1/200

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