Synevo
Laboratory Kyiv
46/2 Akademika Palladina Ave

Accrediation according
DSTU EN ISO 15189:2015 (EN ISO 15189:2012, IDT)

Examination results

Order date: **12.09.2022 16:30**

Customer: **Test Testovych**

Date of birth: **20.01.1977** Age: **45 Y 7 M** Gender: **Female**

3007092372

Parameter	Result	Unit	Reference range

Advanced Diagnostics

High attention zone

VERACITY, NIPT - minimum (13, 18, 21) for singlete, twin, surrogate pregnancy, pregnancy with a donor egg, from 10w.p.

Gestational age (week of pregnancy):	**14**		
NIPT RESULT:	*VERY LOW RISK*		
Fetal fraction:	**10.9**	%	
Trisomy 13:	*very low risk for trisomy 13*		
Trisomy 18:	*very low risk for trisomy 18*		
Trisomy 21:	*very low risk for trisomy 21*		
INTERPRETATION:	*The result shows very low risk for all tested conditions*		
Test method:	*Targeted enrichment: probe-based hybridization of target regions of the cDNA library on chromosomes 13/18/21/X/Y and microdeletion regions. The Veracity-NIPT is based on the detection of cell-free DNA of placental origin in maternal blood. Crucial for a test result is the amount of cell-free fetal DNA in the maternal plasma of at least 3.0%. The Veracity-NIPT delivers reliable results from the 10th week of gestation and can also be applied with twin- or IVF/ICSI pregnancies. An elevated maternal body-mass-index or medication with heparin derivates can have a negative impact on the fetal fraction and therefore can be responsible for a test failure resulting in a report without any statement. The specificity of the test for trisomies 13/18/21-99.98%. The sensitivities of the test or trisomies 13/18/21-100%.*		
Information:	*It is important to know that all NIPT methods are based on statistical algorithms and do not provide a direct analysis of fetal chromosomes.Therefore, it is not possible to differentiate i.e. a free or segmental trisomy. Fetal sex, determined by NIPT, should be confirmed by ultrasound evaluation. Chromosomal mosaicism, very small structural aberrations and polyploidy cannot be identified with the Veracity-NIPT. False-positive or falsenegative results are rare, but possible due to the placental origin of cell-free DNA. Therefore, a negative NIPT result does not completely exclude the presence of a fetal trisomy. In case of a negative NIPT result and a coincidental abnormal fetal ultrasound, invasive prenatal diagnostics should be considered including intensive follow-up monitoring. Pathologic NIPT results should always be confirmed by amniocentesis, especially if an induced abortion is consider.*		
Laboratory:	*Medicover Genetics GmbH, Martinsried (Germany)*		

Note:

Небильцова О.В

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