

# Sample Prenatal Screen Report

Prenatal Biochemistry Laboratory at C&W Health Centre of BC  
In partnership with the BC Prenatal Genetic Screening Program

**NEURAL TUBE DEFECT AND DOWN SYNDROME SCREENING**

Reported 15:45 08 12 19

Last Name	: DOE	Doctor	: Dr. Marcus Welby
First Names	: Jane Marcia	Report address	: 123 First Street
PHN	: 9123456789		Vancouver, BC
Date of birth	: 75/01/01	Doctor phone	: (604) xxx-xxxx
		Doctor fax	: (604) xxx-xxxx

**CLINICAL DETAILS AND TEST RESULTS**

Maternal age at EDD	: 34.4 years	IDDM	: Diabetic
EDD from LMP	: 09/06/11	Ethnic group	: E Asian
LMP	: 08/09/03	Weight	: 150 lbs
Scan measurement (CRL)	: 49 mm on 08/11/21	Smoker	: Yes
Gestation at date of 1st sample	: 9 weeks 6 days (by dates)	Previous Down	: None
	: 10 weeks 0 days (by CRL scan)		
Gestation at date of 2nd sample	: 15 weeks 2 days (by dates)		
	: 15 weeks 3 days (by CRL scan)		

Gestation used **2** : Scan estimate (CRL) **3**

Date of 1st sample	: 08/11/11
Accn # 1st sample	: T12345
CID 1st sample	: 12345678
Date of 2nd sample	: 08/12/19
Accn # 2nd sample	: T67890
CID 2nd sample	: 87654321

PAPP-A level	: 0.85 iu/L	: 0.77 MoM
MS-AFP level	: 15.5 ug/L	: 0.48 MoM
uE3 level	: 2.34 nmol/L	: 0.71 MoM
Total hCG level	: 150.5 iu/mL	: 4.43 MoM
Inhibin-A level	: 200.5 pg/mL	: 1.14 MoM

**INTERPRETATION**

Screening result	<b>4</b> : *** SCREEN POSITIVE ***
Reason	: Increased risk of Down syndrome
Risk of Down	<b>5</b> : 1 in 45 (at term) [Cut-off 1 in 300]
Risk of NTD	<b>6</b> : 1 in 520
Comment	<b>7</b> : Down risk due to maternal age alone is 1 in 400

**COMMENTS FROM PRENATAL BIOCHEMISTRY LABORATORY**

\* Risk of Down syndrome is above screen cut-off. Recommend counseling regarding benefits and risks of amniocentesis.  
\* Unexplained serum marker levels associated with increased risk of obstetric concerns. If a fetal cause has been excluded, consultation with a maternal fetal medicine specialist or an obstetrician is recommended.

Counsellor comment : Dr. Welby contacted

Counsellor signature : S. Smart, MSc, CGC, CCGC

Copies:  
Dr. X

- 1** Clinical details used for interpretation
- 2** Method of dating used for interpretation
- 3** Laboratory results
- 4** Screen result
- 5** Risk of Down syndrome based on serum markers, NT (if done) and age
- 6** Risk of ONTD based on AFP
- 7** Recommendations for follow-up care