Analysis Report

Report date: 10/04/2019 ***Time:*** 10:26

Laboratory/ Physician/ Professional details

Physician/Lab: Doctor John Smith

City:

Patient details

Surname:	JONES	***Name:***	ROSE
Date of Birth:	07/05/1985	***Place of Birth:***	
Ethnicity:	N.A.	***Gender:***	F
		Sample ID:	

Physician: Doctor Sarah Brown

Indication:

Medical History:

Sample details:

Sample Type:	Buccal swab	***Our Sample ID:***	

Sample acceptance date: 27/03/2019 ***Sample acceptance time:*** 16:49 ***Collection date:*** 25/03/2019

Test Date:

Test Performed: Nutrinext Intolerance Complete

Analysis method: NGS

Diagnostic strategy:

Sample processing date: 08/04/2019 ***Analysis completion date:*** 09/04/201

Results and Interpretation

Results:

Predisposition for celiac disease
DR type 4 DQ 8 A-G rs7454108: AA
DR type 7 DQ 2.2 G-T rs2395182: GT
DR type 7 DQ 2.2 A-G rs7775228: AA
DR type 7 DQ 2.2 G-A rs4713586: AA
ALLELI DI PREDISPOSIZIONE ALLA CELIACHIA: ASSENZA

Sensitivity to caffeine
CYP1A2 -163 C-A (1A)-(1F) rs762551: *1A/*1F

Lactose intolerance
LTC -13910 T-C rs4988235: TC
LTC -22018 A-G rs182549: AG

Fructose intolerance
ALDOB del4E4 no del-del rs387906225: NO DEL/NO DEL
ALDOB A150P G-C rs1800546: GG
ALDOB A175D C-A rs76917243: CC
ALDOB N335K C-G rs78340951: CC

Alcohol sensitivity
ALDH2 E504K G-A rs671: GG
ADH2 (ADH1B) H48R A-G rs1229984: AA
ADH3 (ADH1C) I350V A-G rs698: AA

Nickel sensitivity
FLG 2282del4bp no del-del rs558269137: NO DEL/NO DEL
TNFa -308 G-A rs1800629: GG

Sulfites sensitivity
SUOX Q364X C-T: CC
SUOX S370S G-C rs773115: CC
SUOX S370Y C-A: CC
SUOX cod.381 delTAGA no del-del: NO DEL/NO DEL
CBS C699T C-T rs234706: TT
CBS T1080C T-C rs1801181: CC

Interpretation: The test showed the absence of the alleles listed in the technical note for celiac disease predisposition.

Absence of HLA risk alleles for celiac disease

INTERPRETATION: ABSENCE

Technical notes: This condition makes the occurrence of the celiac disease highly unlikely.
Analysis by PCR and reverse dot blot to mark the presence of the allelic groups DQA1*03, DQA1*05, DQB1*02 E DQB1*0302 which form the heterodimers DQ2 and DQ8 responsible for predisposition to celiac disease. The genetic risk of developing celiac disease depends on the DQB1*02 number of copies and on the type of configuration (cis or trans) in which the investigated alleles are present. The haplotypes most commonly associated with celiac disease are: DR3, DR7- DQ2; DR9-DQ2; DR4-DQ2; DR5; DR4-DQ8. Technical report attached.

Comments:

Suggestions:

Verification date: 09/04/2019

Validation date: 10/04/2019

This report represents a true copy to the primary document, which is deposited in the archives of the Genoma Group Srl lab.

The Geneticist
Dr. Marina Baldi

Genoma Srl

The Lab Director
Dr. Laura Diano

Genoma Srl

MILAN, April 10, 2019