



TrichoTest™



Genomics

Results report

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Physician report

PERSONAL DATA

Patient Code TRI07928AA

Report date 08-07-2019




Customer code: **TRIO7928AA**
Name: **Andrew Pulido**

Date of birth: **01-01-1990**
Sex: **Man**

Request date: **08-07-2019**
Date of the results: **05-07-2019**

Demographic data on the patient

Sex	Man
Age	29 years
Height	185 cm
Weight	75 Kg
BMI	21,91
Family history of alopecia	None
Time since beginning of hair loss	-1
Irregular menstruation	No

Hair loss data

Type of alopecia	Androgenic alopecia
Degree of alopecia on the scale	Grade III
Time since beginning of hair loss	-1
Prescription testosterone derivatives	No

Clinical examination results

Pull-Test	Nothing
Complaints associated with alopecia	No
Patchy alopecia	No
Current anti-alopecia treatment	No
Previous anti-alopecia treatment	No

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Information about complaints and medication

Illnesses	No
Eating disorders	No
Known allergies to substances	No
Takes prescription drugs	No
Consume	No
Anabolizing agents	No

Patient condition

Stress	No
Suffers depression	No
Sufficient rest	No
Recent child	No
Low-calorie diet	No
Post-surgical stress	No
Are you in contact with toxic/contaminating materials at work?	No

Summary of the results







- Positive:** The genetic variation detected has a POSITIVE influence.
- Moderate:** The genetic variation detected has a MODERATE influence.
- Negative:** The genetic variation detected has a NEGATIVE influence.

Gene name	Description	Effect
TREATMENT EFFICACY WITH PROSTAGLANDIN INHIBITORS		
GPR44-1	NORMAL ACTIVITY PGD2 RECEPTOR	
GPR44-2	NORMAL ACTIVITY PGD2 RECEPTOR	

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 Positive

 Moderate








 Negative

Gene name	Description	Effect
TREATMENT EFFICACY WITH PROSTAGLANDIN INHIBITORS		
PTGFR-1	STRONGLY REDUCED ACTIVITY PGF2a RECEPTOR	
PTGFR-2	NORMAL ACTIVITY PGF2a RECEPTOR	
PTGFR-3	STRONGLY REDUCED ACTIVITY PGF2a RECEPTOR	
TREATMENT EFFICACY WITH MINOXIDIL		
PTGES2	NORMAL PGE2 ENZYMATIC ACTIVITY	
SULT1A1	STRONGLY REDUCED SULT1A1 ENZYMATIC ACTIVITY (LESS MINOXIDIL ACTIVATION)	
TREATMENT EFFICACY WITH GLUCOCORTICOID ANTI-INFLAMMATORIES		
GR-alpha	AVERAGE RESPONSE TO ANTI-INFLAMMATORY TREATMENTS	
TREATMENT EFFICACY WITH ANTIANDROGENICS		
CYP19	MODERATELY REDUCED AROMATASE ACTIVITY	

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 Positive

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 Negative

Gene name	Description	Effect
TREATMENT EFFICACY WITH ANTIANDROGENICS		
SR5DA-1	TYPE I STEROID-REDUCTASE ACTIVITY MODERATELY ACCELERATED (HIGHER LEVEL OF DHT)	
SRD5A-2	TYPE II STEROID-REDUCTASE ACTIVITY MODERATELY ACCELERATED (HIGHER LEVEL OF DHT)	
VASODILATATION AND BLOOD CIRCULATION		
ACE	MODERATELY INCREASED ACE ACTIVITY (HIGHER VASOCONSTRICTION)	
COLLAGEN SYNTHESIS		
COL1A1	NORMAL COLLAGEN SYNTHESIS	
VITAMIN A METABOLISM		
CRABP2	NORMAL INTRACELLULAR TRANSPORT OF VITAMIN A	
BIOTIN METABOLISM		
BTD	NORMAL BIOTINIDASE ACTIVITY	
REDUCTION OF IGF-1 LEVELS		
IGFR-1	AVERAGE IGF-1 LEVELS	

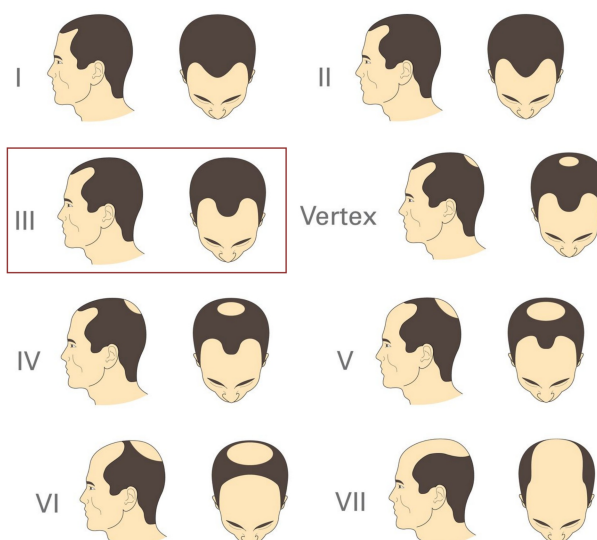
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Patient alopecia classification

The Norwood-Hamilton scale shown below is used to classify the degree of alopecia. The current degree of the patient's alopecia is marked by a red square.



Active ingredients selected for each metabolic pathway:

The following list of ingredients is recommended by TrichoTest according to the patient's genetic profile and life-style:

Antioxidant	Prostaglandins
Coenzyme Q10	Prostaquinon TM
Antiandrogenic	Circulation
Dutasteride	Arginine
17- α Estradiol	Ginkgo biloba
Finasteride	L-Carnitine L-tartrate
Melatonin	
Saw Palmetto	
Ginseng	

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The best products for your scalp

After analysing your DNA and life style, we create your profile. The compilation considers all your strengths and weaknesses and how you are affected by your alopecia and to what degree. As a result of the information available, we have selected exclusive compounds that will help you combat alopecia. The following colour scale shows what we most recommend (the intensity of the green indicating from more to less recommended; table on the left) and those compounds we do not recommend (from white to red, indicating less recommended).

Classification of the compounds		
Dutasteride	Topical Saw Palmetto	MSM
Prostaquinon TM	CafeiSome TM	Nicotinamide (Vit B3)
17- α Estradiol	Caffeine	Oral Biotin
Finasteride	Minoxidil	Prednicarbate
Arginine	Adenosine	Pyridoxine HCl (Vit. B6)
Ginkgo biloba	Betamethasone dipropionate	Retinol (Vit. A)
Melatonin	Clobetasol propionate	SiliciuMax TM
Saw Palmetto	Cystine	Tacrolimus
Coenzyme Q10	Desonide	Tocopherol (vit. E)
Ginseng	Fluocinolone acetonide	Topic SiliciuMax
L-Carnitine L-tartrate	Hydrocortisone	Topical Biotin
Latanoprost Fagron	IGrantine-F1 TM	Triamcinolone acetonide

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A personalised formula with suitable active ingredients and doses

The list below shows a series of topical, oral, hair care and hygienic formulations for the patient's hair problem. These products have been selected according to the patient's genetic profile and life-style as well as the particular condition of his/her hair:

Topical treatment

Formula

Dutasteride	0.25 %
Ginkgo biloba	2.25 %
Prostaquinon TM	2.9 %
TrichoSol	100ml

Dosage:

Apply at night before bedtime. Leave the solution on your scalp for as long as possible. Wash your scalp the next day.

Oral treatment

Formula

Coenzyme Q10	30 mg/day
Saw Palmetto	150 mg/day
Selenium yeast	100 mg/day

Oral

Dosage:

1 capsule per day, 90 capsules for 3 months

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Complementary topical treatment for hair care and hygiene

Formula 2

Prostaquinon TM	2.9 %
Ginseng	2.2 %
Arginine	1.25 %
TrichoOil	30ml

Dosage:

1-2 times / week, massage for 3-5 minutes and leave it on for 10 min before washing your hair.

Formula 3

Ginseng	2.2 %
Arginine	1.25 %
TrichoWash	250ml

Dosage:

Massage for 2 minutes and rinse

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Patient follow-up	Day 0	Day 30	Day 60	Day 90
Amount of hair loss	Nothing			
Appearance of the hair				
Improved hair density				
Pull-Test				
Satisfaction questionnaire				
Photos of the hair				

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Signature of the prescribing physician

Dr:

Physician

Registration No.

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