

# Raport de analiza

Raport **34129247**v7

Client **Digestest**

**DigestTest**

Tel: 0753.109.866 @ office@digestest.ro

**teletest**  
Lab Analysis

*Numele probei #*

36 Ani ; D Naterea: [redacted] Sex:

*ID Card / Passport* [redacted]

*Solicitat de #* Digestest

*Numărul esantionului* **34129247** Data recepiei: 26/06/2023 11:56

*Data validării i emisiunea raportului* **05/07/2023 17:14** Teletest M11

## Acizi organici în urină



[redacted]  
Raport **34129247**

Data **26-06-2023**

Solicitat de # **Digestest**

## <p>Acizi organici &icirc;n urin&#259;</p>

### Creier

### Intestin

Catecolaminele ⚠

Triptofan ⚡

BCAA ⚡

Neuroprotector ●



● Candida

⚡ Clostridium

● Vitamine

⚠ Permeabilitate

Metilare ⚠

glucuronidaz&#259;</p>

Stiren ●

Toluen ●



● Amoniu

⚠ <p>Glioxila&#539;i</p>

⚡ Salts

● Minerale

### Ficat

### Rinichi

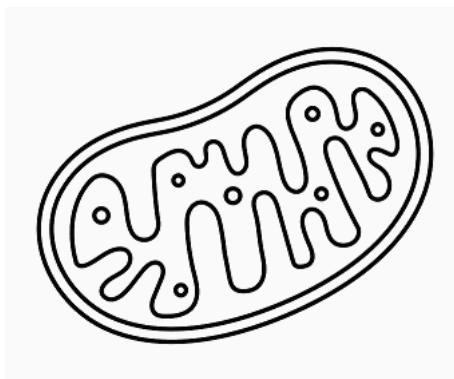
### Mitocondriile

xidarea acizilor gra&#537;i</p>

Corpii cetonici ⚠

Glicoliza ●

Ciclul Krebs ⚠



● Stresul oxidativ

● Q10

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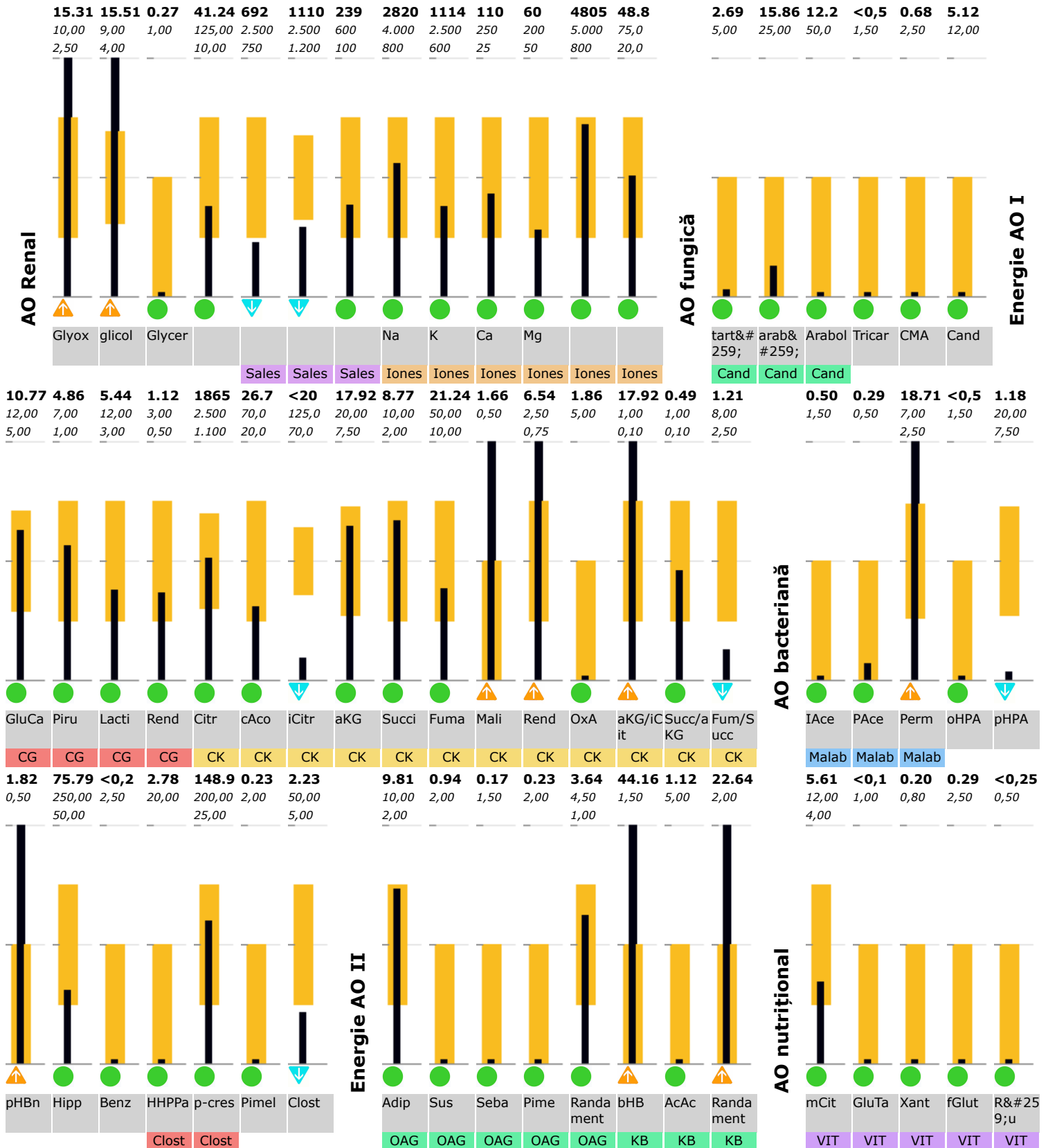
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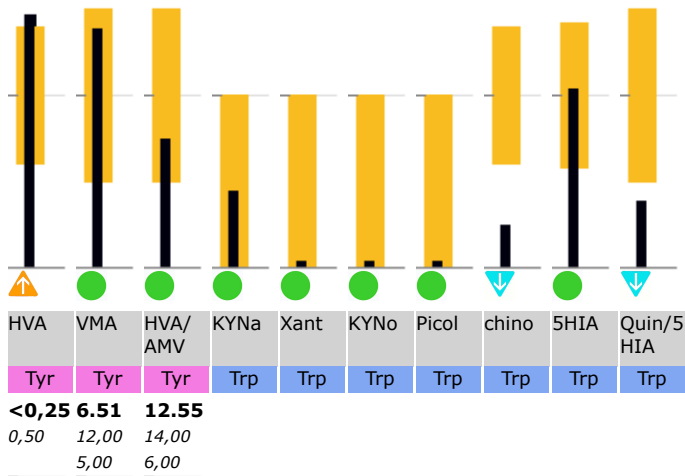
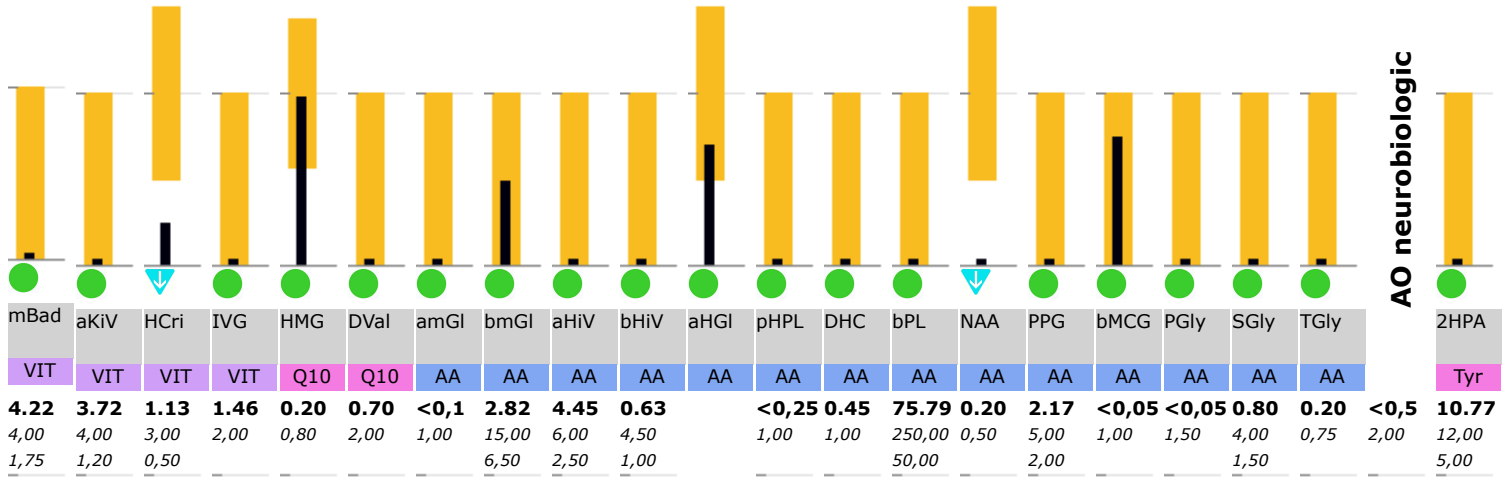
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# Digestest

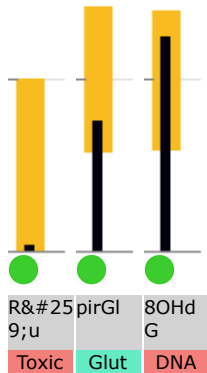
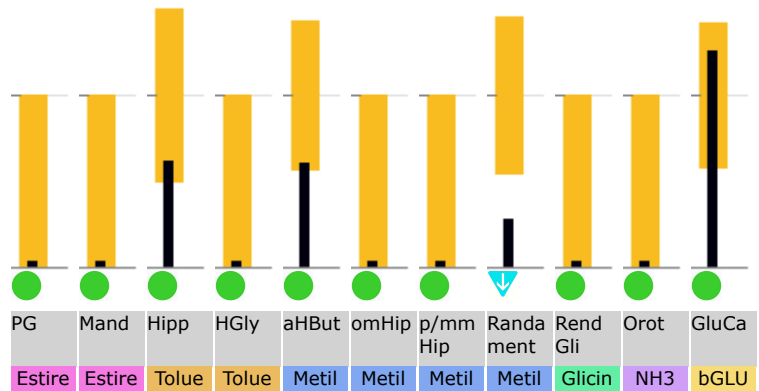
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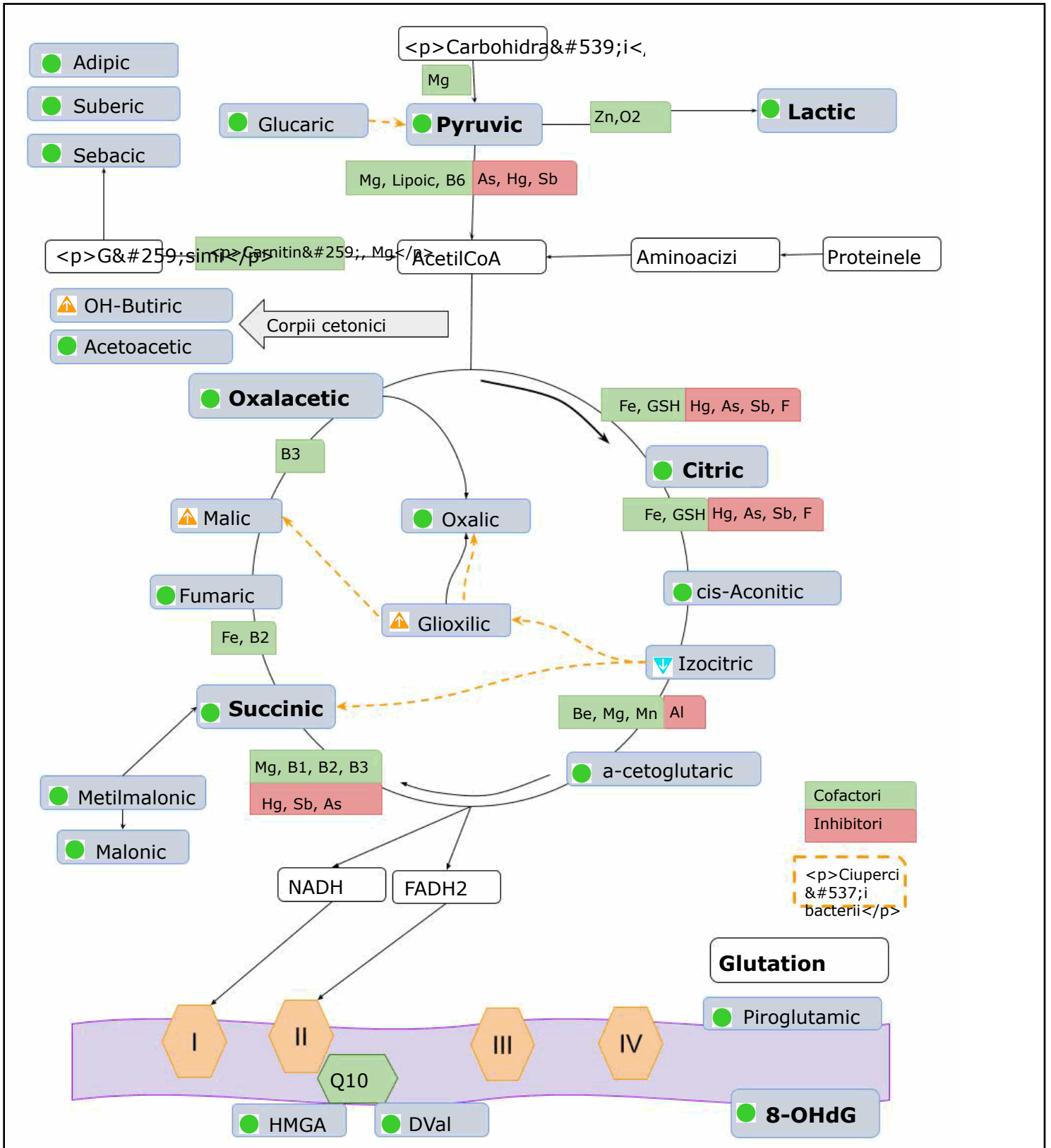
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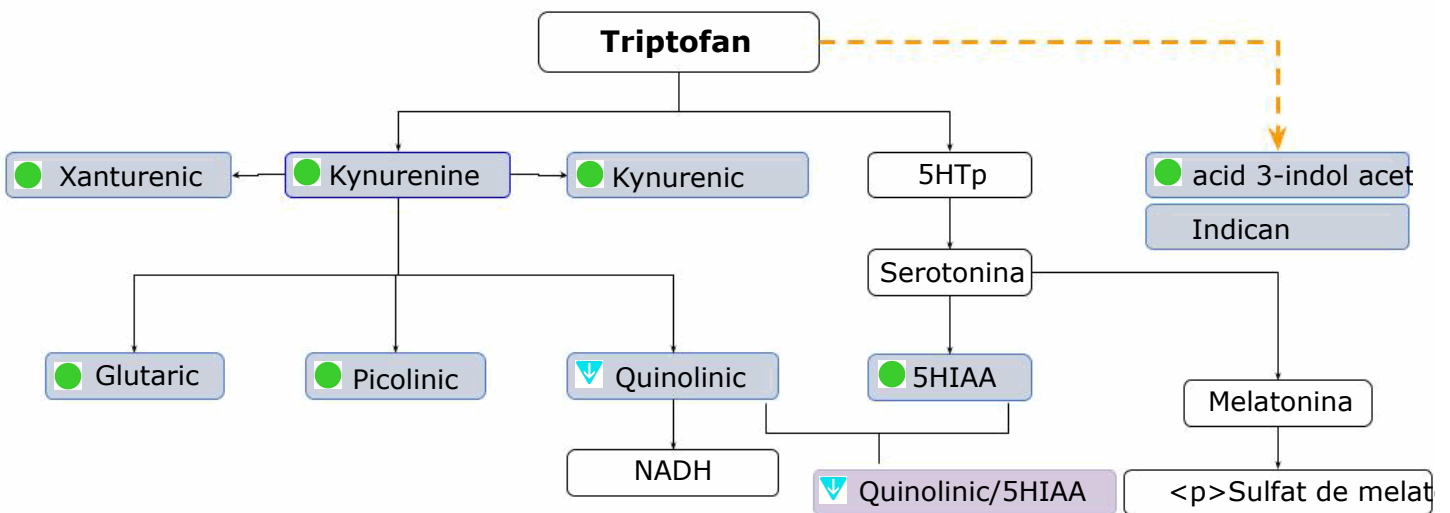
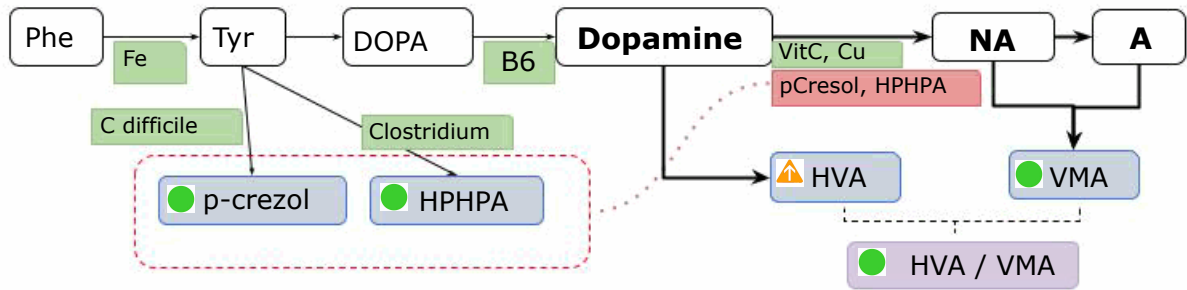
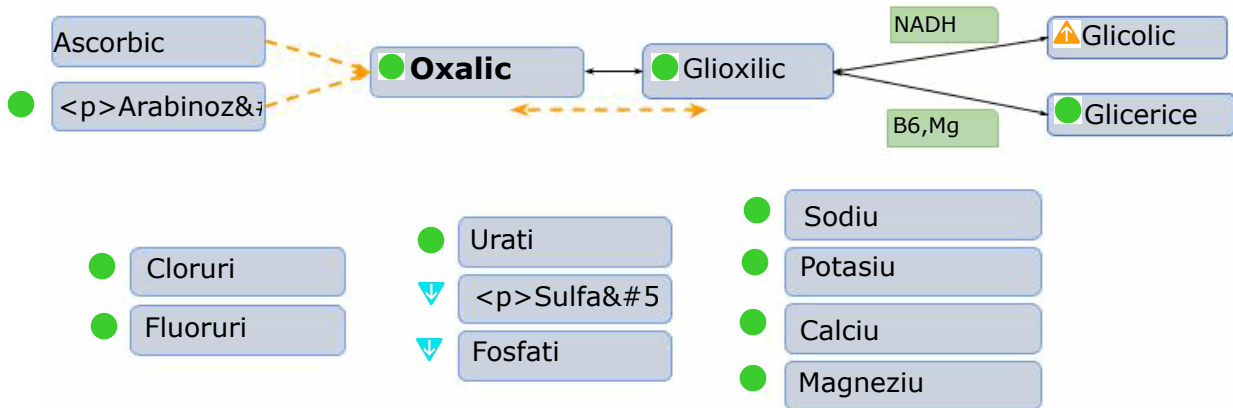
<b>0.22</b> 3,50	<b>&lt;0,5</b> 1,00	<b>0.76</b> 4,50 1,50	<b>0.55</b> 1,50	<b>3.46</b> 5,00 2,00	<b>0.02</b> 0,50	<b>0.23</b> 0,50	<b>0.75</b> 1,00	<b>0.24</b> 1,00	<b>1.02</b> 2,50	<b>2.85</b> 6,00 2,00	<b>0.94</b> 5,00	<b>0.32</b> 1,00	<b>0.06</b> 0,50	<b>&lt;0,05</b> 8,00 2,50	<b>&lt;0,1</b> 0,50	<b>0.44</b> 0,50	<b>&lt;0,15</b> 0,50	<b>0.08</b> 0,50	<b>&lt;0,05</b> 0,50	<b>&lt;0,5</b> 1,50
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## Detoxifiere AO







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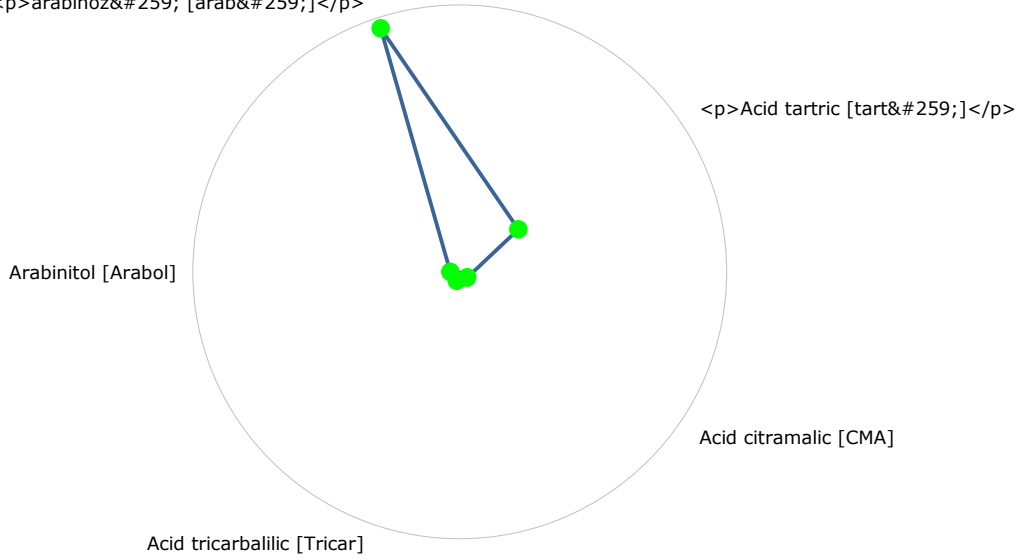
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Lab Analysis

## AO fungic

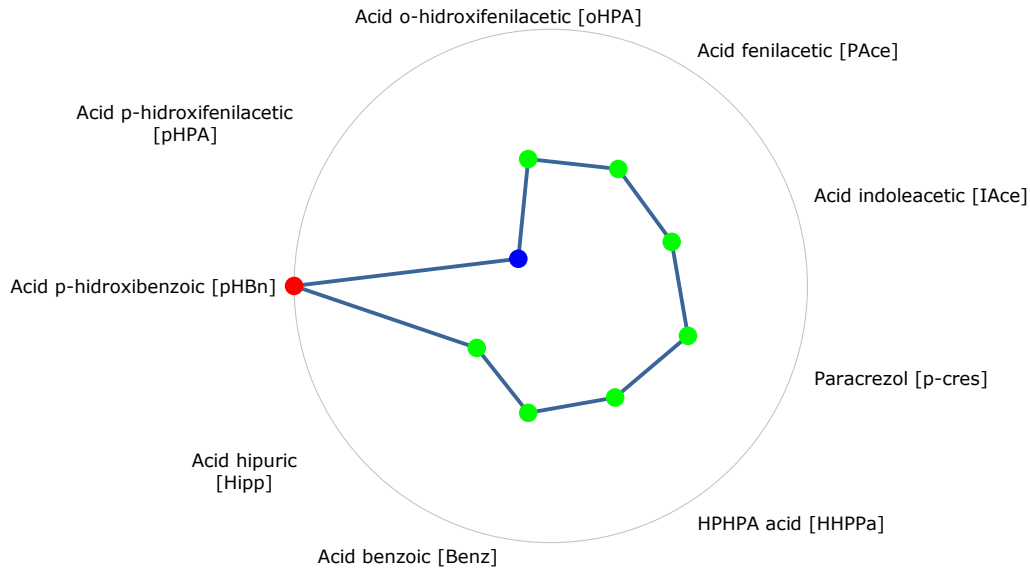
arabinoz; [arab];



Rezultat ●

Context, daca este cazul ◆

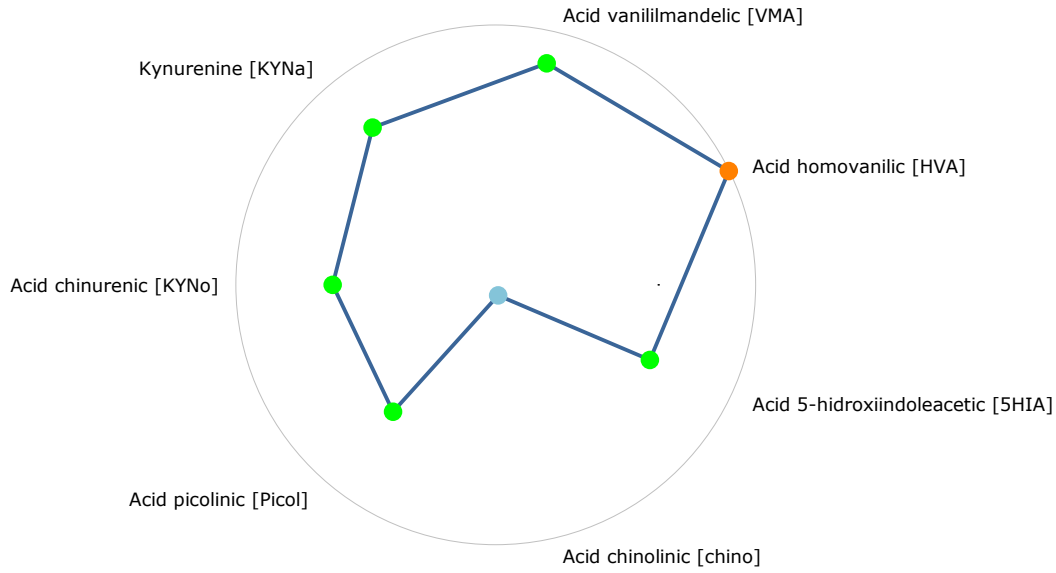
## AO bacterian



Rezultat ●

Context, daca este cazul ◆

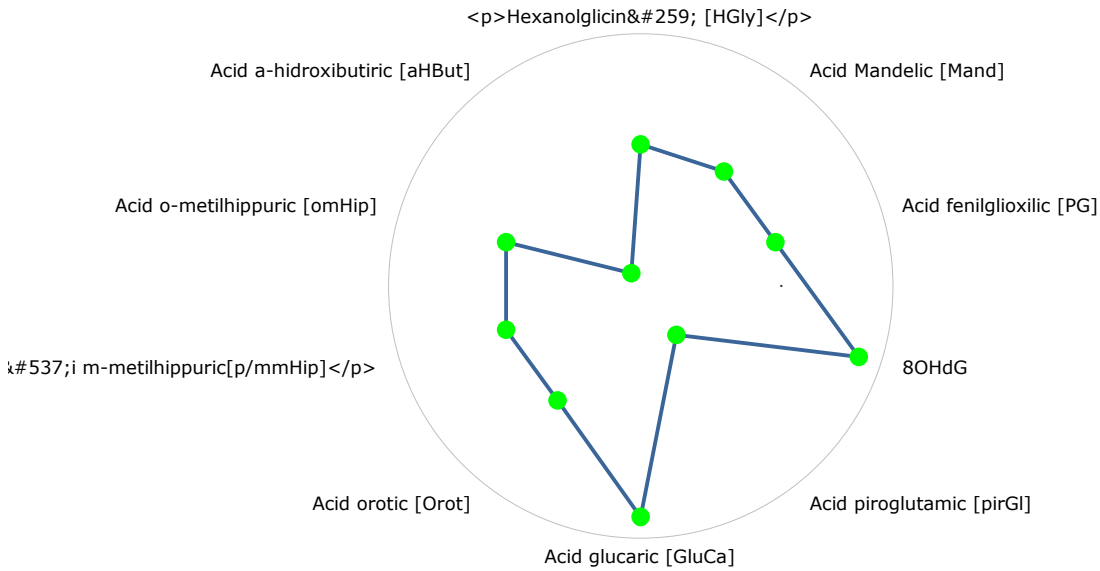
**AO neurobiologic**



Rezultat ●

Context, daca este cazul ◆

**Detoxifiere AO**



Rezultat ●

Context, daca este cazul ◆

**Screeningul acizilor organici**

**AO Renal**

⚠ <b>Acid glioxilic [Glyox]</b> <i>acidurie metabolică</i>	<b>15,31</b>	(VR:2,50/10,00)	
⚠ <b>Acid glicolic [glicol]</b> <i>acidurie metabolică</i>	<b>15,51</b>	(VR:4,00/9,00)	



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● <b>Acid gliceric [Glycer]</b>	0,27	(VR: ≤1,00)	
<i>acidurie metabolică</i>			
●	41,24	(VR:10,00/125,00)	
▼	<b>692</b>	(VR:750/2.500)	
<i>Săruri de rinichi</i>			
▼	<b>1.110</b>	(VR:1.200/2.500)	
<i>Săruri de rinichi</i>			
●	239	(VR:100/600)	
<i>Săruri de rinichi</i>			
● <b>Sodiu [Na]</b>	2.820	(VR:800/4.000)	
<i>Ioni de rinichi</i>			
● <b>Potasiu [K]</b>	1.114	(VR:600/2.500)	
<i>Ioni de rinichi</i>			
● <b>Calciu [Ca]</b>	110	(VR:25/250)	
<i>Ioni de rinichi</i>			
● <b>Magneziu [Mg]</b>	60	(VR:50/200)	
<i>Ioni de rinichi</i>			
●	4.805	(VR:800/5.000)	
<i>Ioni de rinichi</i>			
●	48,8	(VR:20,0/75,0)	
<i>Ioni de rinichi</i>			

## AO fungică

● <b>Acid tartaric [tartă]</b>	2,69	(VR: ≤5,00)	
<i>Candida</i>			
● <b>arabinoză [arabă]</b>	15,86	(VR: ≤25,00)	
<i>Candida</i>			
● <b>Arabinitol [Arabol]</b>	12,2	(VR: ≤50,0)	
<i>Candida</i>			
● <b>Acid tricarbaliic [Tricar]</b>	<0,5	(VR: ≤1,50)	
● <b>Acid citramalic [CMA]</b>	0,68	(VR: ≤2,50)	
● <b>Candida [Cand]</b>	5,12	(VR: ≤12,00)	

## Energie AO I

● <b>Acid glucaric [GluCa]</b>	10,77	(VR:5,00/12,00)	
<i>Ciclul glicolitic</i>			
● <b>Acid piruvic [Piru]</b>	4,86	(VR:1,00/7,00)	
<i>Ciclul glicolitic</i>			
● <b>Acid lactic [Lacti]</b>	5,44	(VR:3,00/12,00)	
<i>Ciclul glicolitic</i>			
● <b>Randamentul ciclului glicolitic [Rend]</b>	1,12	(VR:0,50/3,00)	
<i>Ciclul glicolitic</i>			
● <b>Acid citric [Citr]</b>	1.865	(VR:1.100/2.500)	
<i>Ciclul Krebs</i>			
● <b>Acid aconitic [cAco]</b>	26,7	(VR:20,0/70,0)	
<i>Ciclul Krebs</i>			

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▼	<b>Acid izocitric [iCitr]</b>	<b>&lt;20</b>	(VR:70,0/125,0)	
	<i>Ciclul Krebs</i>			
●	<b>Acid a-cetoglutaric [aKG]</b>	17,92	(VR:7,50/20,00)	
	<i>Ciclul Krebs</i>			
●	<b>Acid succinic [Succi]</b>	8,77	(VR:2,00/10,00)	
	<i>Ciclul Krebs</i>			
●	<b>Acid fumaric [Fuma]</b>	21,24	(VR:10,00/50,00)	
	<i>Ciclul Krebs</i>			
▲	<b>Acid malic [Mali]</b>	<b>1,66</b>	(VR: ≤0,50)	
	<i>Ciclul Krebs</i>			
●	<b>Acid oxalacetic [OxA]</b>	1,86	(VR: ≤5,00)	
	<i>Ciclul Krebs</i>			
▲	<b>Randamentul ciclului Krebs [Rend]</b>	<b>6,54</b>	(VR:0,75/2,50)	
	<i>Ciclul Krebs</i>			
▲	<b>aKG/Izocitric [aKG/iCit]</b>	<b>17,92</b>	(VR:0,10/1,00)	
	<i>Ciclul Krebs</i>			
●	<b>Succinic/aKG [Succ/aKG]</b>	0,49	(VR:0,10/1,00)	
	<i>Ciclul Krebs</i>			
▼	<b>Fumaric/Succinic [Fum/Succ]</b>	<b>1,21</b>	(VR:2,50/8,00)	
	<i>Ciclul Krebs</i>			

## AO bacteriană

●	<b>Acid indoleacetic [IAce]</b>	0,50	(VR: ≤1,50)	
	<i>malabsorbție</i>			
●	<b>Acid fenilacetic [PAce]</b>	0,29	(VR: ≤0,50)	
	<i>malabsorbție</i>			
▲	<b>Permeabilitate globală [Perm]</b>	<b>18,71</b>	(VR:2,50/7,00)	
	<i>malabsorbție</i>			
●	<b>Acid o-hidroxifenilacetic [oHPA]</b>	<0,5	(VR: ≤1,50)	
▼	<b>Acid p-hidroxifenilacetic [pHPA]</b>	<b>1,18</b>	(VR:7,50/20,00)	
▲	<b>Acid p-hidroxibenzoic [pHBn]</b>	<b>1,82</b>	(VR: ≤0,50)	
●	<b>Acid hipuric [Hipp]</b>	75,79	(VR:50,00/250,00)	
●	<b>Acid benzoic [Benz]</b>	<0,2	(VR: ≤2,50)	
●	<b>HPHPA acid [HHPPa]</b>	2,78	(VR: ≤20,00)	
	<i>Clostridium</i>			
●	<b>Paracrezol [p-cres]</b>	148,96	(VR:25,00/200,00)	
	<i>Clostridium</i>			
●	<b>Acid pimelic [Pimel]</b>	0,23	(VR: ≤2,00)	
▼	<b>Clostridium [Clost]</b>	<b>2,23</b>	(VR:5,00/50,00)	

## Energie AO II

●	<b>Acid adipic [Adip]</b>	9,81	(VR:2,00/10,00)	
	<i>Oxidarea acizilor grași</i>			

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● <b>Acid suberic [Sus]</b>	0,94	(VR: ≤2,00)	
<i>Oxidarea acizilor grași</i>			
● <b>Acid sebaceu [Seba]</b>	0,17	(VR: ≤1,50)	
<i>Oxidarea acizilor grași</i>			
● <b>Acid pimelic [Pime]</b>	0,23	(VR: ≤2,00)	
<i>Oxidarea acizilor grași</i>			
● <b>Randamentul oxidării acizilor grași [Randament]</b>	3,64	(VR: 1,00/4,50)	
<i>Oxidarea acizilor grași</i>			
▲ <b>Acid b-hidroxitbutiric [bHB]</b>	<b>44,16</b>	(VR: ≤1,50)	
<i>Corpi cetonici</i>			
● <b>Acid acetoacetic sau diacetic [AcAc]</b>	1,12	(VR: ≤5,00)	
<i>Corpi cetonici</i>			
▲ <b>Producția de corpi cetonici [Randament KB]</b>	<b>22,64</b>	(VR: ≤2,00)	
<i>Corpi cetonici</i>			

## AO nutrițional

● <b>Acid metilcitrinic [mCit]</b>	5,61	(VR: 4,00/12,00)	
<i>Vitamine</i>			
● <b>Acid glutaric [GluTa]</b>	<0,1	(VR: ≤1,00)	
<i>Vitamine</i>			
● <b>Acid xanturrenic [Xant]</b>	0,20	(VR: ≤0,80)	
<i>Vitamine</i>			
● <b>Acid formiminoglutamic [fGlu]</b>	0,29	(VR: ≤2,50)	
<i>Vitamine</i>			
● <b>Acid malonic [Rău]</b>	<0,25	(VR: ≤0,50)	
<i>Vitamine</i>			
● <b>Acid metilmalonic [mBad]</b>	0,22	(VR: ≤3,50)	
<i>Vitamine</i>			
● <b>Acidul a-cetoizovaleric [aKiV]</b>	<0,5	(VR: ≤1,00)	
<i>Vitamine</i>			
▼ <b>Acid hidracrilic [HCri]</b>	<b>0,76</b>	(VR: 1,50/4,50)	
<i>Vitamine</i>			
● <b>Izovalerilglicină [IVG]</b>	0,55	(VR: ≤1,50)	
<i>Vitamine</i>			
● <b>Acid dicrotalic [HMG]</b>	3,46	(VR: 2,00/5,00)	
<i>Coenzima Q10</i>			
● <b>Acid divalonic sau Mevalonolactonă [DVal]</b>	0,02	(VR: ≤0,50)	
<i>Coenzima Q10</i>			
● <b>Acid a-metilglutaric [amGI]</b>	0,23	(VR: ≤0,50)	
<i>Aminoacizi</i>			
● <b>Acid b-metilglutaric [bmGI]</b>	0,75	(VR: ≤1,00)	
<i>Aminoacizi</i>			

●	<b>Acid a-hidroxiizovaleric [aHiV]</b> <i>Aminoacizi</i>	0,24	(VR: ≤1,00)	
●	<b>Acid β-hidroxiizovaleric [bHiV]</b> <i>Aminoacizi</i>	1,02	(VR: ≤2,50)	
●	<b>Acid a-hidroxioglutaric [aHGI]</b> <i>Aminoacizi</i>	2,85	(VR: 2,00/6,00)	
●	<b>Acid p-hidroxifenilactic [pHPL]</b> <i>Aminoacizi</i>	0,94	(VR: ≤5,00)	
●	<b>Acid dihidrocafeic [DHC]</b> <i>Aminoacizi</i>	0,32	(VR: ≤1,00)	
●	<b>Acid b-fenilactic [bPL]</b> <i>Aminoacizi</i>	0,06	(VR: ≤0,50)	
▼	<b>Acid N-acetil-L-aspartic [NAA]</b> <i>Aminoacizi</i>	<0,05	(VR: 2,50/8,00)	
●	<b>Fenilpropionilglicină [PPG]</b> <i>Aminoacizi</i>	<0,1	(VR: ≤0,50)	
●	<b>b-Metilcrotonilglicină [bMCG]</b> <i>Aminoacizi</i>	0,44	(VR: ≤0,50)	
●	<b>Propionilglicină [PGly]</b> <i>Aminoacizi</i>	<0,15	(VR: ≤0,50)	
●	<b>acid suberilglicină [SGly]</b> <i>Aminoacizi</i>	0,08	(VR: ≤0,50)	
●	<b>Tigililglicină [TGly]</b> <i>Aminoacizi</i>	<0,05	(VR: ≤0,50)	

## AO neurobiologic

●	<b>Acid 2-hidroxifenilacetic [2HPA]</b> <i>Derivați de catecolamine</i>	<0,5	(VR: ≤1,50)	
▲	<b>Acid homovanilic [HVA]</b> <i>Derivați de catecolamine</i>	<b>4,22</b>	(VR: 1,75/4,00)	
●	<b>Acid vanililmandelic [VMA]</b> <i>Derivați de catecolamine</i>	3,72	(VR: 1,20/4,00)	
●	<b>HVA/ AMV</b> <i>Derivați de catecolamine</i>	1,13	(VR: 0,50/3,00)	
●	<b>Kynurenine [KYNa]</b> <i>Derivați de triptofan</i>	1,46	(VR: ≤2,00)	
●	<b>Acid xanturrenic [Xant]</b> <i>Derivați de triptofan</i>	0,20	(VR: ≤0,80)	
●	<b>Acid chinurenic [KYNo]</b> <i>Derivați de triptofan</i>	0,70	(VR: ≤2,00)	
●	<b>Acid picolinic [Picol]</b> <i>Derivați de triptofan</i>	<0,1	(VR: ≤1,00)	

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▼ <b>Acid chinolinic [chino]</b>	<b>2,82</b>	(VR:6,50/15,00)	
<i>Derivați de triptofan</i>			
● <b>Acid 5-hidroxiindoleacetic [5HIA]</b>	4,45	(VR:2,50/6,00)	
<i>Derivați de triptofan</i>			
▼ <b>Chinolic/5HIAA [Quin/5HIA]</b>	<b>0,63</b>	(VR:1,00/4,50)	
<i>Derivați de triptofan</i>			

## Detoxifiere AO

● <b>Acid fenilgloxilic [PG]</b>	<0,25	(VR: ≤1,00)	
<i>Expunerea la stiren</i>			
● <b>Acid Mandelic [Mand]</b>	0,45	(VR: ≤1,00)	
<i>Expunerea la stiren</i>			
● <b>Acid hipuric [Hipp]</b>	75,79	(VR:50,00/250,00)	
<i>Expunerea la toluen</i>			
● <b>Hexanolglicină [HGly]</b>	0,20	(VR: ≤0,50)	
<i>Expunerea la toluen</i>			
● <b>Acid a-hidroxibutiric [aHBut]</b>	2,17	(VR:2,00/5,00)	
<i>Metilare</i>			
● <b>Acid o-metilhippuric [omHip]</b>	<0,05	(VR: ≤1,00)	
<i>Metilare</i>			
● <b>Acizi p-metilhippuric și m-metilhippuric [p/mmHip]</b>	<0,05	(VR: ≤1,50)	
<i>Metilare</i>			
▼ <b>Randament de metilare [Randament de metil]</b>	<b>0,80</b>	(VR:1,50/4,00)	
<i>Metilare</i>			
● <b>Produceți glicinare [Rend Gli]</b>	0,20	(VR: ≤0,75)	
<i>Glicinare</i>			
● <b>Acid orotic [Orot]</b>	<0,5	(VR: ≤2,00)	
<i>Amoniu</i>			
● <b>Acid glucaric [GluCa]</b>	10,77	(VR:5,00/12,00)	
<i>Glucuronizare</i>			
● <b>Acid malonic [Rău]</b>	<0,25	(VR: ≤0,50)	
<i>Toxine</i>			
● <b>Acid piroglutamic [pirGI]</b>	6,51	(VR:5,00/12,00)	
<i>Glutation</i>			
● <b>8OHdG</b>	12,55	(VR:6,00/14,00)	
<i>Oxidarea ADN-ului</i>			

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## Probă biologică: urină

**Creatinina**

0,84

(VR: 0,30/3,00)

Urină. Colorimetrie

(VR: Valori de referina exprimate în italice)

**Acces la raportul digital.**

[teletest.es](http://teletest.es) -> Rezultatele

Raport validat de **Dra. Concepción Alomar Serrallach**

Data validării i emisiunea raportului 05-07-2023 17:14



Raport emis de: **TeleTest Analytika S.A.** C/ Montseny 11 Barcelona; 08012.

Tel 932 123 345; [laboratory@teletest.es](mailto:laboratory@teletest.es)

**34129247 ZwpqV**

Raportul atestă doar probele primite și analizate așa cum au fost primite în laborator. Raportul nu poate fi reprodus parțial. Incertitudinea este disponibilă clientului pentru teste acreditate conform ISO 17025. Document semnat electronic cu certificat digital (FNMT [www.fnmt.es](http://www.fnmt.es)). Toate informațiile obținute de organizație de la client în timpul procesului de planificare, eșantionare, analiză și evaluare sunt confidențiale cu clientul. Nu va fi dezvăluit terților cu excepția obligației legale sau a autorizației clientului. # Informații furnizate de client, laboratorul nu este responsabil pentru acestea.

### Analiza clinica

Autorizație Generalitat de Catalunya E08026400. CIF A58023326 Director de laborator: Jose M<sup>a</sup> Mestres. Farmacist Specialist Analize Clinice. COFB 12.195

## Summary Deviations

34129247 [REDACTED] Date: 26/6/23;

### Organic Acids in Urine

▲ Catecholamines	High	
▼ Tryptophan	Diminished	
▲ Global Permeability [Perm]	Ratio 18,71	(2,50/7,00)
▼ Branched Chain Amino Acids [BCAAs]	Diminished	
▼ Clostridium	Diminished	
▲ Permeability	High	
▲ Methylation	High	
▼ 4-Hidroxylphenylacetic acid [4HPA]	1,18 mg / g creatinine	(7,50/20,00)
▲ 4-Hydroxybenzoic acid [4HBen]	1,82 mg / g creatinine	(<0,50)
▲ Glyoxylates	High	
▼ You go out	Diminished	
▲ Krebs cycle	High	
▼ Clostridium [Clost]	Ratio 2,23	(5,00/50,00)
▲ Ketone bodies	High	
▼ Isocyclic acid [iCit]	<20 mg / g creatinine	(70,0/125,0)
▲ Malic Acid [Mal]	1,66 mg / g creatinine	(<0,50)
▲ Krebs Cycle Efficiency [Effic]	Ratio 6,54	(0,75/2,50)
▲ aKGA/IsoCitric	Ratio 17,92	(0,10/1,00)
▼ Fumaric/Succinic [Fum/Succ]	Ratio 1,21	(2,50/8,00)
▲ 3-Hydroxybutyric Acid [3HB]	44,16 mg / g creatinine	(<1,50)
▲ Ketone Bodies Efficiency [KB effi]	Ratio 22,64	(<2,00)
▼ 3-Hydroxypropanoic acid [3HP]	0,76 mg / g creatinine	(1,50/4,50)
▼ N-Acetyl-L-aspartic acid [NAA]	<0,05 mg / g creatinine	(2,50/8,00)
▲ Homovanilic acid [HVA]	4,22 mg / g creatinine	(1,75/4,00)
▼ Quinolinic acid [Quin]	2,82 mg / g creatinine	(6,50/15,00)
▼ Ratio Quinolinic / 5-HIAA	Ratio 0,63	(1,00/4,50)
▼ Metilation Efficiency [Met effi]	Ratio 0,80	(1,50/4,00)
▲ Glyoxilic Acid [GlyoxA]	15,31 mg / g creatinine	(2,50/10,00)
▲ Glycolic Acid [Glicol]	15,51 mg / g creatinine	(4,00/9,00)
▼ Sulfates [Sulfa]	692 mg / g creatinine	(750/2.500)

# Raport de analiza

Raport **34129247**v7

Client **Digestest**

**DigestTest**

Tel: 0753.109.866 @ office@digestest.ro

**teletest**

Lab Analysis

(1.200/2.500)

▼ **Phosphates [Phospha]**

1.110 mg / g creatinine

## Simboluri de legendă

↓ ↓ ↓ ● ▲ ▲ ↑  
Scăzut .... Valoare de referință .... Ridicat

🔍  
Interpretați în  
funcție de  
datele  
pacientului

\*  
Rezultat cu  
comentarii

●  
Nedeterminat  
sau  
neconcludent

**Rezultat**  
VR Max  
VR Min

Context, daca este cazul  
Valoare de referinta  
Rezultat