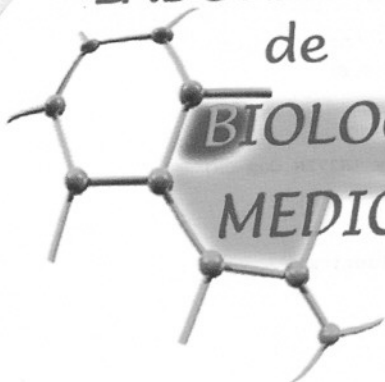


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CHILD PARK ALVAREZ RUBEN

urinary porphyrin profile

(hplc fluo-uv detection)

ant. res.

ref. ranges

val. n

urinary porphyrins

(HPLC = UV exc coupled with FLUO det - in nanomoles / gr urinary Cr)

uP	UROPORPHYRIN	19 3	nmol %	7-14	taux	augmente
7cxP	HEPTACARBOXYPORPHYRIN	2.9 0.4	nmol %	1.5-3.5		
6cxP	HEXACARBOXYPORPHYRIN	1.5 0.2	nmol %	0.4-0.8		
5cxP	PENTACARBOXYPORPHYRIN	13.6 2.2	nmol %	1.0-2.9.	taux	très augmenté
prcP	PRECOPROPORPHYRIN	51.4 8.4	nmol %	2-5	taux	très augmenté
cP	COPROPORPHYRIN	@ 515 92	nmol %	50-80	taux	très augmenté

ratios

pcP/uP	ratio PréCOP / URO	2.57	0.3-0.6
pcP/cP	ratio PréCOP / COP	9	4-8
uP/cP	ratio URO / COP	0.03	0.14-0.1

interprétation

STRONGLY INCREASED PENTACARBOXY, PRECOPRO & COPROPORPHYRIN ...

WITH DISCREET ELEVATION OF INITIAL METABOLITE, UROPORPHYRIN ...

URINARY PORPHYRIN PROFILE SUGGESTIVE OF A MARKED MERCURY TOXIC EFFECT

VERY LIGHT ASSOCIATION WITH XENOBIOTICS ?

URINARY PORPHYRIN PROFILE SUGGESTIVE OF A NOTICEABLE TOXIC EFFECT ON BODILY PHYSIOLOGY

PRECOPRO/URO RATIO, MARKER OF HEAVY METAL (MERCURY) TOXICITY (0.3 < N < 0.6) IS HIGHLY INCREASED

moderately high PRECOP/COP ratio : increased heavy metals (Hg) toxicity or susceptibility (genetic polymorphism ?)

1/...