



New !!!

AOPP

Advanced oxidation protein products

Colorimetric MTP assay determines biomarker of oxidative stress

AOPP (advanced oxidation protein products) reflect the protein oxidative damage that occurs in patients with oxidative stress.

Haemodialysis patients combine a massive generation of reactive oxygen species at each dialysis session with a chronic deficiency in the major antioxidant system. The measurement of AOPP is proposed to be a reliable marker to estimate the degree of oxidant-mediated protein damage in uremic patients and to predict the potential efficacy of therapeutic strategies aimed at reducing such an oxidative stress.

Literature

Nguyen-Khoa T et al. (2001) Oxidative stress and haemodialysis: role of inflammation and duration of dialysis treatment. *Nephrol Dial Transplant* 16: 335-340

Witko-Sarsat V et al. (1996) Advanced oxidation protein products as a novel marker of oxidative stress in uremia. *Kidney International* 49: 1304-1313

Indications

- ▶ Monitoring oxidative stress (e.g. in hemodialyzed patients)
- ▶ Inflammatory processes

Sample volume	40 µl
Matrix	EDTA plasma
Calibration	6.25 - 100 µmol/ml
Test principle	Colorimetric
Tests	96
Art. No.	K 7811

FLOX 9 June 2005

Distributed by:



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