

Supplemental Information

Table S1. Intraday and inter-day stability of ChOx and HRP in bio-assay.

Enzyme added	Residual activity found (mean $\pm$ S.D)			
	Intra day (n = 5)	% RSD	Inter day (n = 10)	% RSD
ChOx (0.02 U)	98 $\pm$ 3.01	3.07	91.06 $\pm$ 4.88	5.35
HRP (0.002)	99 $\pm$ 0.32	0.32	97 $\pm$ 1.06	1.09

- During the experimental work, enzymes (ChOx and HRP) were handled using minicooler to reduce the thawing effect.
- % RSD of 3.07 and 5.35 for ChOx and for HRP 0.32 and 1.09 proves high stability of these enzymes up to 6 weeks.