

Analyte	Type of assay	Conditions
Mitochondrial		
Glutamate Dehydrogenase 1 (GDH)	EIA	serum, plasma, cell supernatants
mtSSDH (ALDH5A1)	EIA	serum, plasma, cell supernatants
Pyruvate Dehydrogenase (PDH)	EIA	serum, plasma, cell supernatants
Complex II (SDH)	EIA/*functional	serum, plasma, cell supernatants
Complex IV (cytochrome C)	EIA/*functional	serum, plasma, cell supernatants
Complex V	EIA/*functional	serum, plasma, cell supernatants
Complex I	*functional	cells or isolated mitochondria
Complex III	*functional	cells or isolated mitochondria
Oxygen Consumption (OCR)	functional	#see Cell based assays (bioenergetics)
Extracellular Acidification	functional	#see Cell based assays (bioenergetics)
Cu/Zn SOD1	EIA	serum, plasma, cell supernatants
3-Nitrotyrosine	EIA	serum, plasma, cell supernatants
Caspase 3/9	EIA	serum, plasma, cell supernatants
cytochrome C	EIA	serum, plasma, cell supernatants
8-OHdG	EIA	serum, plasma, cell supernatants
SLC25A20	EIA	serum, plasma, cell supernatants

* functional assays Complex I, II, II, IV and V are performed with cells or isolated mitochondria

NOT FINDING WHAT YOU'RE LOOKING FOR?

There might be assays not listed in this catalogue. This is because we are constantly improving our capabilities and validate new protocols and assays, which are not enlisted here. We encourage you to contact us at info@gbsleiden.nl for more information.