

ZINC

Zinc is the second most abundant trace element, essential for over 300 enzymes like carbonic anhydrase and DNA polymerases. Its deficiency causes growth failure, immune dysfunction, diarrhea, skin issues, and alopecia. Subclinical deficiency affects immunity, hormones, and neurological functions.



- ✓ Accurate and precise results
- ✓ 548 nm
- ✓ Storage conditions +4 C
- ✓ Applicable to any biochemistry analyzer.
- ✓ Quantitative
- ✓ Long shelf life; 18 months
- ✓ Colorimetric
- ✓ Sample types; urine, serum and plasma

COPPER

Copper is vital for energy and iron metabolism, antioxidant defense, neuropeptide synthesis, and immunity. Deficiency causes neutropenia, anemia, and bone abnormalities, while toxicity leads to hepatocerebral and neurodegenerative issues.



- ✓ Accurate and precise results
- ✓ 572 nm
- ✓ Storage conditions +4 C
- ✓ Applicable to any biochemistry analyzer.
- ✓ Quantitative
- ✓ Colorimetric
- ✓ Long shelf life; 12 months
- ✓ Sample types; urine, serum and plasma

GLUCOSE-6-PHOSPHATE DEHYDROGENASE

G6PD deficiency, affecting around 400 million people, is often asymptomatic. However, individuals are at risk of hemolytic anemia under oxidative stress, triggered by drugs, infections, or fava beans. This stress damages red blood cells, leading to their breakdown and causing jaundice due to bilirubin buildup.



- ✓ Fully automated
- ✓ High analytical performance.
- ✓ Ready to use
- ✓ Applicable for any biochemistry analyzer.
- ✓ Long lifetimes of the reagents
- ✓ Fully automated
- ✓ Colorimetric
- ✓ Accurate and precise results

✓ First and unique automated kit that works directly from **whole blood** without the need for pretreatment.



COLORIMETRIC ASSAY KITS

Total Antioxidant Status

Reagent 1: 30ml Reagent 2: 8ml Standard: 4ml QC Level 1: 4ml QC Level 2: 4ml

Total Oxidant Status

Reagent 1: 30ml Reagent 2: 8ml Standard: 4ml QC Level 1: 4ml QC Level 2: 4ml

Paraoxonase 1

Reagent 1: 30ml Reagent 2: 6ml

Arylesterase

Reagent 1: 30ml Reagent 2: 6ml Reagent 3: 15ml

Zinc

Reagent 1: 50ml Reagent 2: 10ml Standard: 4ml QC Level 1: 4ml QC Level 2: 4ml

Copper

Reagent 1: 50ml Reagent 2: 10ml Standard: 4ml QC Level 1: 4ml QC Level 2: 4ml

Glukoz-6-phosphate Dehydrogenase

Reagent 1: 50ml Reagent 2: 10ml

Ischemia Modified Albumin

Reagent 1: 30ml Reagent 2: 8ml

Glutamate Dehydrogenase

Reagent 1: 40ml Reagent 2: 8ml

Malate Dehydrogenase

Reagent 1: 40ml Reagent 2: 8ml

NADP - IDH Assay Kit

Reagent 1: 40ml

Phosphorus Assay Kit

Reagent 1: 30ml Reagent 2: 25ml

Natve Thiol Assay Kit

Reagent 1: 30ml Reagent 2: 6ml

Total Thiol Assay Kit

Reagent 1A: 15ml Reagent 1B: 1ml Reagent 2: 30ml Reagent 3: 6 ml



+90 342 230 37 52



relassay@relassay.com