

Nutrition and Public Health Kits

POWERED BY
Q-Plex™

Towards the goal of improving global health Quansys Biosciences has partnered with global non-profit PATH to develop a growing library of multiplex ELISAs. Each assay was developed with specific disease states in mind to help those in low- and middle-income countries. Research and projects that directly benefit those individuals qualifies for special pricing.



Q-Plex™ Human Micronutrient (7-Plex)

Catalog Number: 565149HU

Analytes: AGP, CRP, Ferritin, sTfR, RBP4, Tg, HRP2

- Detects ferritin, soluble transferrin receptor (sTfR), retinol binding protein 4 (RBP4), and thyroglobulin (Tg) to give indication of micronutrient status
- Detects alpha-1-acid glycoprotein (AGP) and c-reactive protein (CRP) to indicate presence of systemic inflammation
- Detects histidine-rich protein 2 (HRP2) to indicate malaria infection status
- Control samples available to insure assay performance
- RBP4 values correlate to retinol (vitamin A)



Q-Plex™ Human Environmental Enteric Dysfunction (11-Plex)

Catalog Number: 569849HU

Analytes: IGF-1, FGF-21, IFABP, Ferritin, HRP2, sTfR, Thyroglobulin, AGP, CRP, CD-14, RBP4

- Helps identify individuals suffering from or at risk of environmental enteric dysfunction
- Data helps pinpoint what interventions would be effective in treatment
- Detects intestinal fatty acid binding protein (I-FABP), soluble CD14 (sCD14), insulin-like growth factor 1 (IGF-1), and fibroblast growth factor 21 (FGF21) to indicate growth and vaccine response
- Detects ferritin, soluble transferrin receptor (sTfR), retinol binding protein 4 (RBP4), and thyroglobulin (Tg) to give indication of micronutrient status
- Detects alpha-1-acid glycoprotein (AGP) and c-reactive protein (CRP) to indicate presence of systemic inflammation
- Detects histidine-rich protein 2 (HRP2) to indicate malaria infection status



Q-Plex™ Human Malaria (5-Plex)

Catalog Number: 565949HU

Analytes: HRP2, LDH-Pan, LDH-Pv, LDH-Pf, CRP

- Detects histidine-rich protein 2 (HRP2) to indicate malaria infection status
- Detects parasite lactate dehydrogenase specific to *Plasmodium falciparum* and *P. vivax* to indicate subclinical malaria infection and subspecies
- Supported sample types include whole blood and dried blood spots

Visit our website to learn more about our available assays, options for building your own assay, custom development, and more.

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