SpeeDx develop innovative multiplex real-time polymerase chain reaction (qPCR) solutions, and specialize in detection of infectious disease pathogens and antimicrobial resistance markers.

At SpeeDx, we apply novel approaches to traditional qPCR. The ***Plex****Zyme*® and universal probes are integral components of our patented qPCR techniques, providing clean, specific amplification with vast multiplexing capabilities.

The SpeeDx RUO product range spans research areas from sexually transmitted infections (STIs), respiratory conditions and more.

SpeeDx Offers

- **STI Innovation** — Continuing to push qPCR technology further to address unmet STI research needs.
- **Impactful workflow** — Streamlined. Flexible. Scalable. The workflow that works for you.
- **Economic Advantage** — Smart, cost-effective technology enabling multiplexing on your open platforms.

SpeeDx

SpeeDx Research Assays

Multiplex STI assays maximize organism detection in a single well. Combine detection with genetic markers linked to antibiotic susceptibility or resistance.

Sexually Transmitted Infections	
Name	Description
CT/GC/TV/MG***Plex***	*Chlamydia trachomatis*, *Neisseria gonorrhoeae*, *Trichomonas vaginalis* and *Mycoplasma genitalium*
Plex*Prime*® GC+*gyrA*	*N. gonorroheae* & ciprofloxacin susceptibility
STI***Plex*** MG+23*S*	*M. genitalium* & macrolide resistance
Plex*Prime*® HSV, VZV, TP	Herpes simplex virus (-1 & -2), Varicella zoster virus and *Treponema pallidum*

SpeeDx respiratory assays detect multiple infectious disease targets in a single assay.

Respiratory Infections	
Name	Description
Flu/RSV/SARS-CoV-2	Influenza A, Influenza B, Respiratory Syncytial Virus (A and B) and SARS-CoV-2
Plex*Prime*® SARS-CoV-2 Genotyping	Coronavirus SARS-CoV-2 mutations identified in variants of concern (multiple assays)

Specialized Reagents	
Name	Description
Enteric***Plex***	Panels that target common parasitic or bacterial pathogens that cause gastroenteritis. Enteric***Plex*** Parasite; Enteric***Plex*** Bacteria I; Enteric***Plex*** Bacteria II.
Dermato***Plex***	Common fungi causing dermatophytosis: Trichophyton mentagrophytes complex, Trichophyton rubrum complex and a selection of Candida spp. including *C. albicans, C. orthopsilosis*, and *C. parapsilosis,* as well as *Nacaseomyces glabrata* (formerly *C. glabrata*) and *Kluyveromyces marxianus* (formerly *C. tropicalis*).
PlexMonkeypox	Detects the Mpox virus and Orthopox genus

SpeeDx assays are Research Use Only (RUO), not to be used in diagnostic procedures.

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