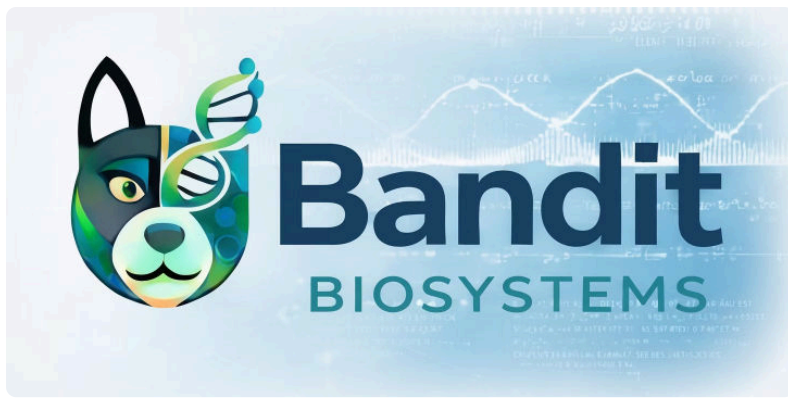




The Power to Change Genomics

Product Catalog — Fall 2026

Bandit Biosystems makes assays and reagents for researchers that are **rapid and informative**, from analysis of respiratory pathogens to antibiotic resistance markers.

RESEARCH USE ONLY

NOT FOR IN VITRO DIAGNOSTICS

NOT FDA APPROVED

MADE IN AMERICA



Product Overview

Bandit Biosystems offers a comprehensive suite of multiplex qPCR and RT-qPCR panels for rapid, informative research across respiratory pathogens, microbiota profiling, sexually transmitted infections, antibiotic resistance, and emerging infectious diseases.

Respiratory Panels

Bandit A, B, B QS, XL — RT-qPCR detection of SARS-CoV-2, Influenza A/B, RSV, and 26+ additional respiratory pathogens

Microbiota Panels

Lioness UT, Amur ST, Amur WH, Glyphis Wound — qPCR profiling of urinary tract, vaginal, sexually transmitted, and wound microbiota

Resistance & Specialty

Pongo Antibiotic Resistance, Amur HPV Mini, Measles, H5N1 Avian Influenza — targeted detection for high-priority research needs



All products are **For Research Use Only**. Not intended for in-vitro diagnostics. Not approved by the FDA. Positive controls are included with every panel; amplification master mix is sold separately.

Bandit Respiratory Panel A

RT-qPCR — SARS-CoV-2, Influenza A, Influenza B

Multiplex
SARS-CoV-2, Influenza A, Influenza B & RNaseP

Compatibility
FAM, HEX, Cy5 & ROX

Fast
Less Than 2 Hours

The Bandit Respiratory Panel A is an RT-qPCR assay designed for qualitative multiplex in-vitro assessment of SARS-CoV-2, Influenza A, and Influenza B nucleic acid. With select viral transport media, **no extraction is required** — saving both time and cost. Compatible with a wide range of thermal cyclers and robotic liquid handlers. Recommended input 5 µl of Medschenker STM, CDC Media, Hardy VTM, Copan eSwab.

Target	Dye
SARS-CoV-2 N1	FAM
Influenza A M1	Quasar 670 / Cy5
Influenza B NS2	HEX
RNaseP	ROX

Specifications & Ordering

SKU#	Reactions	Storage	Price
500011	200	-20°C	\$1,100.00

Sample: Swabs in UTM/VTM | **LoD:** 8–16 SARS-CoV-2, 4–9 Influenza A, 16–33 Influenza B copies/µl | **Compatibility:** Bio-Rad CFX96/384, Roche LightCycler 480, ABI QuantStudio 3, 5, 7 Pro



Bandit Respiratory Panel B

RT-qPCR — SARS-CoV-2, Influenza A, Influenza B, RSV

Multiplex
4 Targets: SARS-CoV-2, Influenza A, Influenza B, RSV & RNaseP

Compatibility
FAM, HEX, Cy5, Cy5.5 & ROX

Fast
Less Than 2 Hours

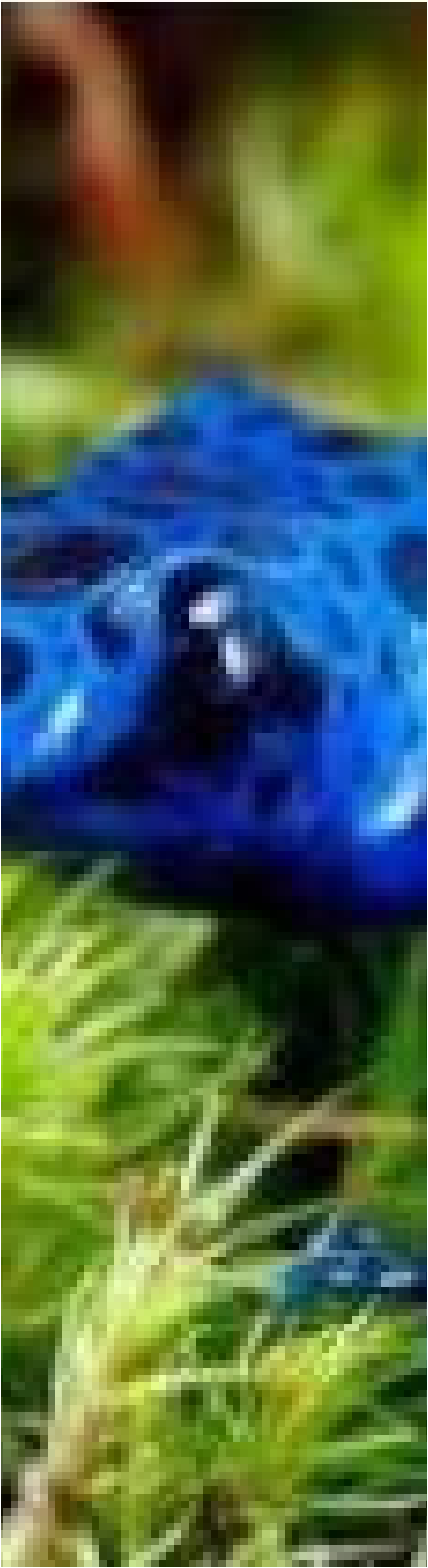
The Bandit Respiratory Panel B is an RT-qPCR assay designed for qualitative multiplex in-vitro assessment of SARS-CoV-2, Influenza A, Influenza B, and RSV nucleic acid. With select viral transport media, **no extraction is required** — saving both time and cost. Recommended input 5 µl of Medschenker STM, CDC Media, Hardy VTM, Copan eSwab.

Target	Channel
SARS-CoV-2 N1	FAM
Influenza A M1	Quasar 670 / Cy5
Influenza B NS2	HEX
RSV Matrix	Quasar 705 / Cy5.5
RNaseP	ROX

Specifications & Ordering

SKU#	Reactions	Storage	Price
500007	200	-20°C	\$1,450.00

Sample: Swabs in UTM/VTM | **LoD:** 8–16 SARS-CoV-2, 4–9 Influenza A, 16–33 Influenza B, 80 RSV copies/µl | **Compatibility:** Bio-Rad CFX96/384, Roche LightCycler 480, ABI QuantStudio 3, 5, 7 Pro



Bandit Respiratory

Panel B QS

RT-qPCR — SARS-CoV-2, Influenza A, Influenza B, RSV
(Purified RNA)

Targets
SARS-CoV-2 N1,
Influenza A & B,
RSV &
RNaseP

Compatibility
FAM, JOE/VIC, Cy5,
TAMRA & ROX

Fast
Less Than 2 Hours

The Bandit™ Respiratory Panel B QS is an RT-qPCR assay designed for qualitative multiplex in-vitro assessment of SARS-CoV-2, Influenza A, Influenza B and RSV RNA. Compatible with a wide range of thermal cyclers and robotic liquid handlers.

Target	Dye
SARS-CoV-2 N1	FAM
Influenza A M1	Cy5
Influenza B NS2	JOE/VIC
RSV Matrix	ROX
RNaseP	TAMRA

Specifications & Ordering

SKU#	Reactions	Storage	Price
500009	200	-20°C	\$1,450.00

Sample: Purified RNA from Swab or Sputum | **Compatibility:** Bio-Rad CFX96/384, Roche LightCycler 480, ABI QuantStudio 3, 5, 7 Pro



Bandit Respiratory Panel XL

RT-qPCR — Comprehensive 26-Target Respiratory & Microbial Panel

Dual Target

SARS-CoV-2 N1, N2 & RNaseP

Compatibility

FAM, HEX, Cy5 & ROX

Fast

Less Than 2 Hours

The Bandit Respiratory Panel XL is an RT-qPCR assay designed for qualitative multiplex in-vitro assessment of various viruses and microbes. Compatible with a wide range of thermal cyclers and robotic liquid handlers.

Viral Targets

- SARS-CoV-2
- Influenza A (pan influenza)
- Influenza B
- Rhinovirus / Enterovirus / Enterovirus D68
- Coronavirus 229E, HKU1, NL63, OC43
- Parainfluenza 1-3 / RSV (A and B) / Adenovirus
- Human metapneumovirus (HMPV)

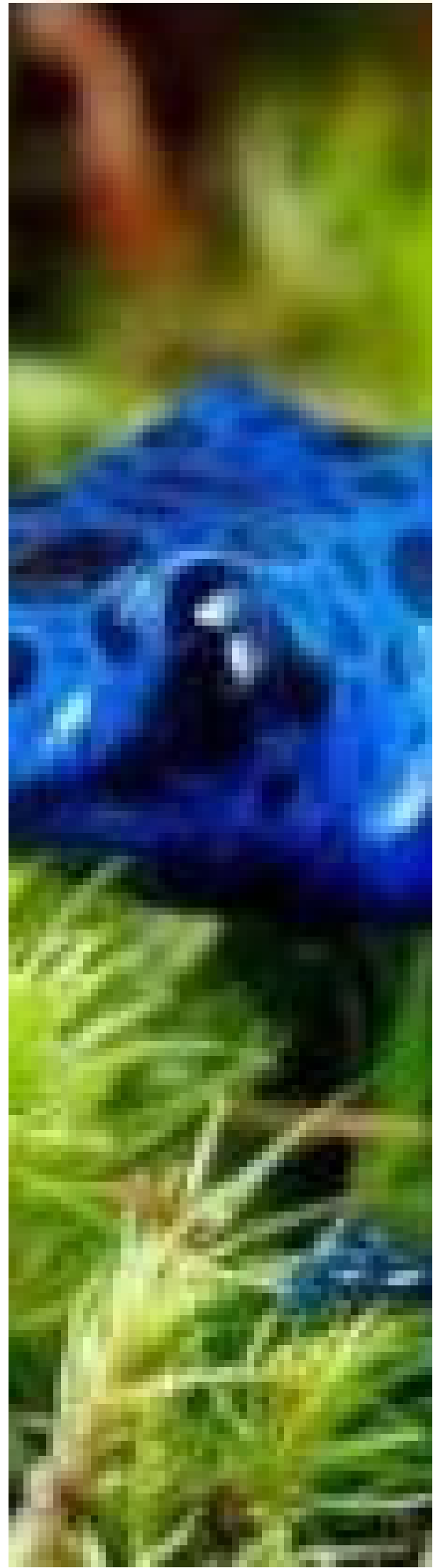
Bacterial / Other Targets

- Bordetella pertussis / parapertussis
- Chlamydia pneumoniae / Mycoplasma pneumoniae
- Klebsiella pneumoniae / Streptococcus pneumoniae
- Moraxella catarrhalis / Haemophilus influenzae
- Streptococcus pyogenes / Staphylococcus aureus
- Antibiotic resistance MecA
- Human RNaseP (hRPP)

Specifications & Ordering

SKU#	Reactions	Storage	Price
500004	200	-20°C	\$1,875.00

Sample: Purified DNA or RNA from Swab or Sputum | **Compatibility:** Bio-Rad CFX96/384, Roche LightCycler 480, ABI QuantStudio 3, 5, 7 Pro



Enterovirus/D68 Panel

RT-qPCR — Enterovirus and EV-D68 Detection

Targets

Enterovirus & EV-D68

CDC Design

Viral Capsid Protein 1

Fast

Less Than 2 Hours

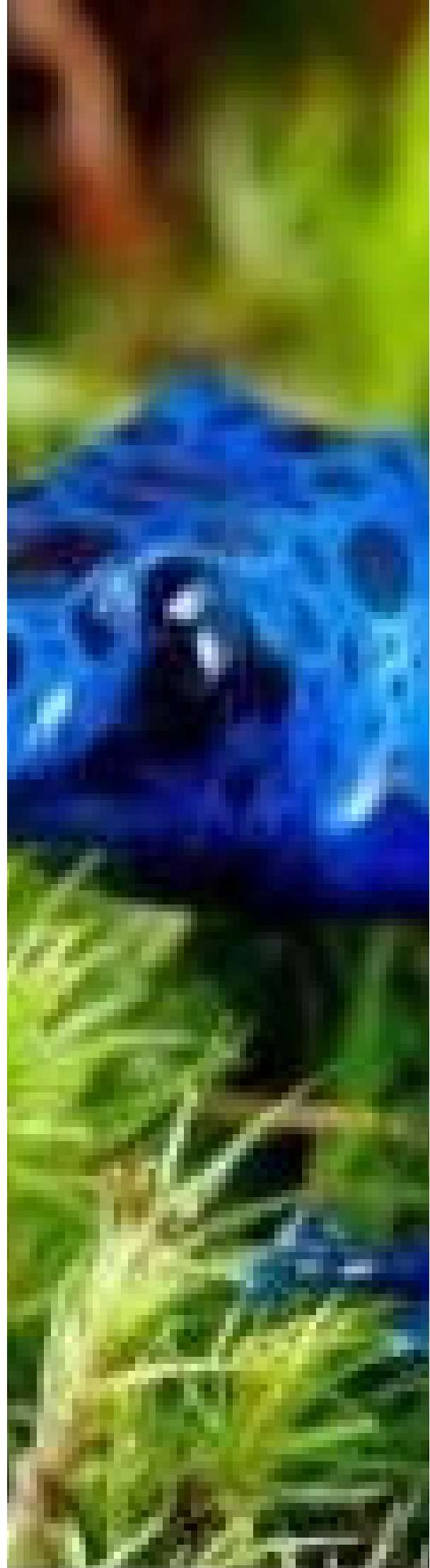
The Enterovirus/D68 Panel is an RT-qPCR assay designed for qualitative multiplex in-vitro detection of Enterovirus EV-D68 nucleic acid. Following nucleic acid extraction, the targets are reverse-transcribed, amplified by real-time PCR (qPCR) and detected via fluorescent dyes (FAM, Cy5). Compatible with a wide range of thermal cyclers and robotic liquid handlers. Bandit Biosystems recommends SeqOnce™ OneStep RT-qPCR Multiplex Amplification Kit 2400.

Target	Dye
Enterovirus	FAM
Enterovirus D68	Cy5

Specifications & Ordering

SKU#	Rxns	Storage	Price
500020	200	-20°C	\$1,150.00

Sample: Purified RNA from Swab or Sputum | **LoD:** US/MO/14 914 copies/μl, US/IL/14 1321 copies/μl | **Compatibility:** Bio-Rad CFX96/384, Roche LightCycler 480, ABI QuantStudio 3, 5, 7 Pro



Lioness UT Microbiota Panel A

qPCR — Profiling up to 24 Common Urinary Tract/Wound Microbiota

Broad
Up to 24 Targets Plus RNaseP

One Format
Multiplex — 8 Primer/Probe Mix Tubes

Fast
Approximately 60 Min

The Lioness UT Microbiota Panel is designed for qualitative in-vitro assessment of common urinary tract/wound microbiota using nucleic acid amplification. This multiplex assay (24 targets) provides primer/probe mixes for three targets plus RNaseP control in one tube, for a total of eight primer/probe mix tubes.

- Acinetobacter baumannii*
 - Citrobacter freundii*
 - Enterobacter cloacae*
 - Enterococcus faecalis* / *faecium*
 - Escherichia coli*
 - Klebsiella aerogenes* / *oxytoca* / *pneumoniae*
 - Morganella morganii*
 - Proteus mirabilis* / *vulgaris*
 - Providencia stuartii*
 - Pseudomonas aeruginosa*
 - Serratia marcescens*
 - Staphylococcus aureus* / *saprophyticus*
- Streptococcus agalactiae* (grp B)
 - Candida albicans* / *glabrata* / *parapsilosis* / *tropicalis*
 - Mycoplasma hominis*
 - Ureaplasma urealyticum*
 - Human RNaseP (hRPP) — internal control

Specifications & Ordering

SKU#	Reactions	Storage	Price
500012	48	–20°C	\$1,775.00

Compatibility: qPCR instruments detecting FAM (v2.0) or FAM, HEX, Cy5, ROX (v3.0)



Amur ST Microbiota Panel A

qPCR — Profiling of up to 9 Common Sexually Transmitted Microbiota

Broad
11 or 9 Targets Plus RNaseP

One Format
Multiplex — 3
Primer/Probe Mix
Tubes

Fast
Less Than 60 Min

The Amur ST Microbiota Panel A is designed for qualitative in-vitro assessment of common sexually transmitted microbiota using nucleic acid amplification. The multiplex assay (9 targets) provides primer/probe mixes for three targets plus RNaseP control per tube, for a total of three primer/probe mix tubes.

- *Atopobium vaginae*
 - *Gardnerella vaginalis*
 - *Chlamydia trachomatis*
 - *Neisseria gonorrhoeae*
 - *Treponema pallidum*
 - *Haemophilus ducreyi*
- Herpes Simplex Virus 1 & 2
 - *Trichomonas vaginalis*
 - *Ureaplasma urealyticum*
 - *Mycoplasma genitalium*
 - Human RNaseP (control)

Specifications & Ordering

SKU#	Reactions	Storage	Price
500000	48	-20°C	\$455.00

Sample: Extracted DNA from urine or swab | **Compatibility:** FAM (v1.0) or FAM, HEX, Cy5, ROX (v2.0)



Amur WH Vaginal Microbiota Panel A

qPCR — Profiling of up to 34 Common Vaginal Microbiota and 3 Antibiotic Resistance Genes

Broad

37 Targets Plus RNaseP —
10 Primer/Probe Mix Tubes

One Format

Multiplex

Fast

Less Than 60 Min

The Amur Women's Health (WH) Vaginal Microbiota Panel A is designed for qualitative multiplex *in vitro* nucleic acid amplification to detect vaginal microbiota and select antibiotic resistant genes. This comprehensive panel includes sexually transmitted pathogens, the most common pathogenic yeast species, naturally occurring bacterial flora, and pathogenic bacteria associated with vaginosis.

STI / Viral

- HSV1 & HSV2
- *Treponema pallidum*
- *Neisseria gonorrhoeae*
- *Chlamydia trachomatis*
- *Trichomonas vaginalis*
- *Mycoplasma genitalium* / *hominis*
- *Ureaplasma urealyticum*
- *Haemophilus ducreyi*

Bacteria / Flora

- *Gardnerella vaginalis*
- *Atopobium vaginae*
- *Staphylococcus aureus*
- *Escherichia coli* / *Enterococcus faecalis*
- *Bacteroides fragilis* / *Prevotella bivia*
- *Mobiluncus curtisii* / *mulieris*
- Megasphaera 1 & 2 / BVAB2
- *Lactobacillus crispatus* / *gasseri* / *iners* / *jensenii*

Yeast & Resistance

- Group B Strep
- *Candida albicans* / *auris* / *glabrata* / *krusei* / *lusitaniae* / *parapsilosis* / *tropicalis*
- MecA (methicillin resistance)
- VanA / VanB (vancomycin resistance)
- Human RNaseP (hRPP)

Specifications & Ordering

SKU#	Reactions	Storage	Price
500001	48	-20°C	\$1,608.00

Sample: Extracted DNA from urine or swab | **Compatibility:** FAM (v1.0) or FAM, HEX, Cy5, ROX (v2.0)



Amur HPV Mini Panel

qPCR — Profiling of 3 High-Risk Human Papillomavirus (HPV) Strains

Broad
3 Targets Plus HBB
— 1 Primer/Probe Mix
Tube

One Format
Multiplex

Fast
Less Than 60 Min

The Amur HPV Mini Panel is designed for qualitative in-vitro assessment of 3 high-risk strains of human papillomavirus using nucleic acid amplification. The three strains included — **HPV 16, 18 and 45** — account for **94% of all HPV-related cervical adenocarcinomas**. This multiplex assay provides primer/probe mixes for three targets plus HBB control, all in a single primer/probe mix tube.

Target	Notes
HPV-16	High-risk strain
HPV-18	High-risk strain
HPV-45	High-risk strain
Human beta globin (HBB)	Internal control

Specifications & Ordering

SKU#	Reactions	Storage	Price
500026	200	-20°C	\$750.00

Sample: High quality extracted viral DNA | **Compatibility:** FAM (v1.0) or FAM, HEX, Cy5, ROX (v2.0)



Pongo Antibiotic Resistance Panel A

qPCR — Profiling of 24 Genes Associated with Antibiotic Resistance

Broad

24 Targets — Six Tubes, Four Channels

Multiplex

Six Tubes, Four Targets Per Tube

Fast

Approximately 60 Min

The Pongo Antibiotic Resistance Panel is a qualitative, multiplex, nucleic acid in-vitro PCR amplification assay that detects various molecular antibiotic resistance markers. This panel may be used in conjunction with, and in reflex to, positive bacterial identification (e.g., the Bandit Biosystems Lioness UT/Wound Panel). The panel is provided in six tubes with four targets per tube.

- **AmpC:** *ACT*, *ampC*, *FOX*
- **Vancomycin:** *vanA1*, *vanA2* & *vanB*
- **Macrolide:** *ErmA* & *ErmB*
- **Methicillin:** *mecA*
- **Carbapenem:** *NDM-1*, *KPC (bla-KPC)*, *OXA-48 (bla-OXA)*, *VIM (bla-VIM)* & *IMP-7 (bla-IMP)*
- **Sulfonamide:** *SUL1* & *SUL2*
- **Quinolone & Fluoroquinolone:** *qnrB*, *qnrA* & *qnrS*
- **ESBL:** *SHV*, *TEM*, *CTX-M group 1*, *CTX-M group 2* & *CTX-M group 9*
- **Tetracycline:** *TET*

Specifications & Ordering

SKU#	Reactions	Storage	Price
500003	48	-20°C	\$1,200.00

Compatibility: qPCR instruments detecting FAM, HEX, Cy5, and ROX channel fluorescence



Measles Panel A

RT-qPCR — Profiling of Morbillivirus hominis (Measles Virus)

Target

Detect D8 Genotype

Detect

USA Outbreak and All Known Strains

Fast

Less Than 60 Min

The Measles Panel A is designed for qualitative in-vitro assessment of *Morbillivirus hominis* using nucleic acid amplification. The multiplex panel is specifically designed to detect the **D8 genotype responsible for the recent outbreak in the United States**, but will also detect all known circulating strains.

Target	Dye
D8 genotype and circulating strains	FAM
RNaseP	ROX

Specifications & Ordering

SKU#	Rxns	Storage	Price
500039	200	-20°C	\$850.00

Sample: Extracted RNA from swab or sputum | **Compatibility:** FAM (v1.0) or FAM, HEX, Cy5, ROX (v2.0)



H5N1 Avian Influenza Panel

RT-qPCR — H5 Hemagglutinin and Influenza A M1 Gene

Target
H5 and Influenza A M1

One Format
Single Tube Multiplex

Fast
Less Than 60 Min

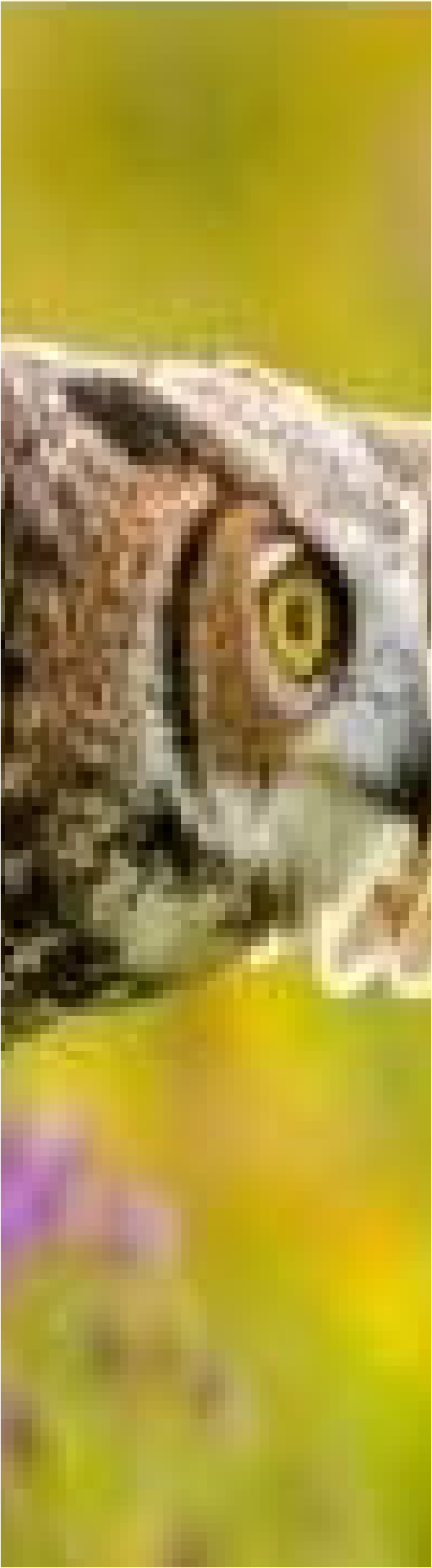
The H5N1 Avian Flu Panel is an RT-qPCR assay designed for qualitative, single tube multiplex *in vitro* assessment of nucleic acid from the H5 (Hemagglutinin 5 (HA) gene) and Influenza A M1 gene. The H5 assay detects all known clades and variants of highly pathogenic avian influenza (HPAI) A/H5N1, including the most recent human infectious strains. The Influenza A assay detects all known H*N* flu A subtypes via a highly conserved region of the M1 gene. The internal control is a proprietary multi-species control detecting nucleic acid from most higher vertebrates including human, bovine, and avian DNA.

Pathogen / Signal	Channel	Result
Pan Flu (Influenza A M1)	HEX	Influenza A detected
H5 gene	FAM	H5 specific detected
SPRY1 Internal Control	ROX	Sample validity check

Specifications & Ordering

SKU#	Reactions	Storage	Price
500029	200	-20°C	\$900.00

Sample: 4 µl of Extracted DNA or RNA | **Compatibility:** FAM (v1.0) or FAM, HEX, Cy5, ROX (v2.0)



Glyphis Wound Panel A

qPCR — Profiling of up to 30 Wound Microbiota

Broad

30 Targets Plus RNaseP

One Format

Multiplex

Fast

Less Than 60 Min

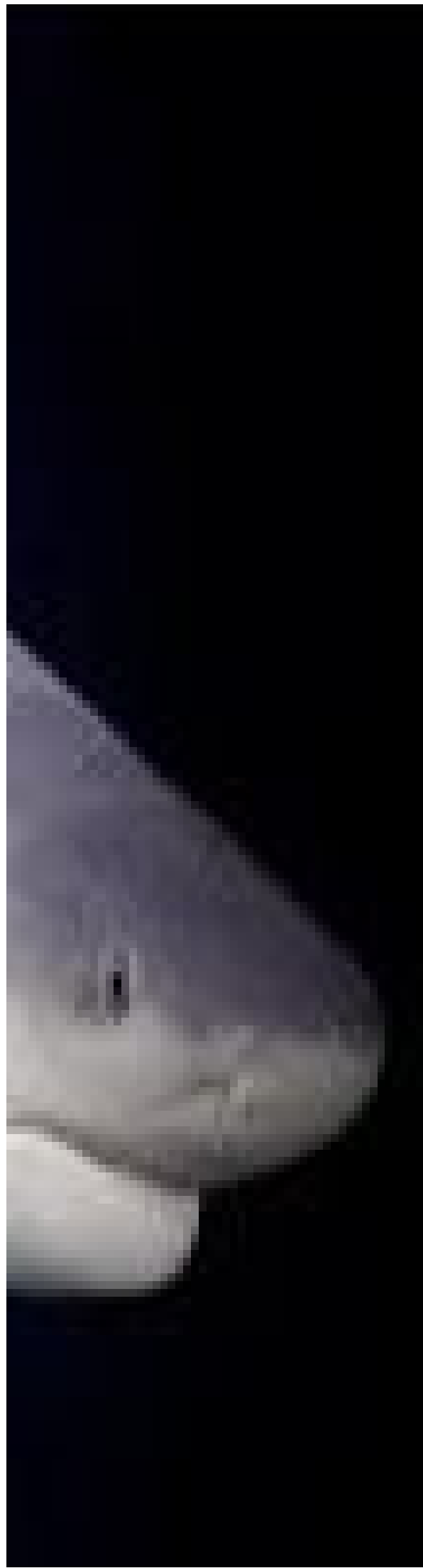
The Glyphis Wound Panel A is designed for qualitative in-vitro assessment of 30 wound microbiota using nucleic acid amplification. This panel includes yeast as well as both aerobic and anaerobic bacteria, giving rapid insight into difficult to grow and slow-growing organisms. When combined with the Bandit Biosystems **Pongo Antibiotic Resistance Gene Panel**, the combo provides a quick and comprehensive tool to assess time-sensitive infections.

- *Acinetobacter baumannii*
- *Bacteroides fragilis*
- *Candida albicans* / *auris* / *glabrata* / *krusei* / *lusitaniae* / *parapsilosis* / *tropicalis*
- *Citrobacter freundii*
- *Clostridium novyi* / *perfringens* / *septicum*
- *Enterobacter cloacae*
- *Enterococcus faecalis* / *faecium*
- *Escherichia coli*
- *Kingella kingae*
- *Klebsiella oxytoca* / *pneumoniae*
- *Enterobacter (Klebsiella) aerogenes*
- *Morganella morganii*
- *Proteus mirabilis* / *vulgaris*
- *Pseudomonas aeruginosa*
- *Serratia marcescens*
- *Staphylococcus aureus* / *saprophyticus*
- *Streptococcus agalactiae* / *pyogenes*

Specifications & Ordering

SKU#	Reactions	Storage	Price
500002	48	-20°C	\$1,575.00

Sample: Extracted DNA from urine or swab | **Compatibility:** FAM (v1.0) or FAM, HEX, Cy5, ROX (v2.0)



Quick Reference — Pricing & Ordering

All panels include positive controls. Amplification master mix is sold separately unless you order a Ready-2-Test format. Store all panels at –20°C.

Product	SKU#	Rxns	Price	Compatibility
Bandit Respiratory Panel A	500011	200	\$1,100	FAM, HEX, Cy5, ROX
Bandit Respiratory Panel B	500007	200	\$1,450	FAM, HEX, Cy5, Cy5.5, ROX
Bandit Respiratory Panel B QS	500009	200	\$1,450	FAM, JOE/VIC, Cy5, TAMRA, ROX
Bandit Respiratory Panel XL	500004	200	\$1,875	FAM, HEX, Cy5, ROX
Enterovirus/D68 Panel	500020	200	\$1,150	FAM, Cy5
Lioness UT Microbiota Panel A	500012	48	\$1,775	FAM, HEX, Cy5, ROX
Amur ST Microbiota Panel A	500000	48	\$455	FAM, HEX, Cy5, ROX
Amur WH Vaginal Microbiota Panel A	500001	48	\$1,608	FAM, HEX, Cy5, ROX
Amur HPV Mini Panel	500026	200	\$750	FAM, HEX, Cy5, ROX
Pongo Antibiotic Resistance Panel A	500003	48	\$1,200	FAM, HEX, Cy5, ROX
Measles Panel A	500039	200	\$850	FAM, ROX
H5N1 Avian Influenza Panel	500029	200	\$900	FAM, HEX, ROX
Glyphis Wound Panel A	500002	48	\$1,575	FAM, HEX, Cy5, ROX

 All products are **For Research Use Only**. Not intended for in-vitro diagnostics. Not approved by the FDA. TO THE EXTENT ALLOWED BY LAW, BANDIT BIOSYSTEMS AND/OR ITS AFFILIATES WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, MULTIPLE, OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH OR ARISING FROM THIS DOCUMENT.

Conservation Initiative

Bandit Biosystems supports the protection and conservation of endangered and threatened species.

By highlighting threatened or endangered species, Bandit Biosystems hopes to draw attention to conservation efforts. As biologists, we believe humanity is better served when ecologies are maintained and there is diversity of life.



Gorilla

Western and eastern gorillas are listed as Critically Endangered on the IUCN Red List, threatened by habitat loss and poaching.



Rhinoceros

Several rhino species face critical endangerment due to illegal poaching for their horns and habitat encroachment.



Amur Leopard

One of the world's most endangered wild cats, with fewer than 100 individuals estimated in the wild.

Contact Bandit Biosystems

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info@bandit.bio

SDS Requests

Safety Data Sheets available on request via phone or email

