

Validated Prospector® Media Types

The following aerobic and anaerobic media types have been fully validated for use on the Prospector. Additional media types not listed here may still be suitable. Please reach out to us via the [contact form](#) to discuss your specific project and preferred media.

Validated Prospector Media AEROBIC			
Name	pH	Full name	Source
TWYE	~7	Tap water yeast extract	Prepared internally, DSMZ 1625
LB	7.2 ± 0.2	Luria-Bertani broth	Teknova L8050
BHI (50/100%)	7.4 ± 0.2	Brain Heart Infusion broth	Teknova B9993
R2A	7 ± 0.2	Reasoner's 2A	Teknova R0005
TYG	7.4 ± 0.2	Tryptone Yeast Extract Glucose	Prepared internally, ATCC 741
TSB	7.3 ± 0.2	Tryptic Soy Broth	BD 211825
YMB	6.8 ± 0.2	Yeast Mannitol Broth	Millipore Y3377

Validated Prospector Media ANAEROBIC			
Name	pH	Full name	Source
GAM	7.3 ± 0.1	Gifu Anaerobic broth	HiMedia M1801
mGAM	7.3 ± 0.2	Modified Gifu Anaerobic broth	Himedia M2079
BHI	7.3 ± 0.3	Brain Heart Infusion (includes Heme/Vit K)	Anaerobe Systems AS-875
BHI	7.4 ± 0.2	Brain Heart Infusion	Millipore 53286
BRU	7.1 ± 0.2	Brucella Broth	Anaerobe Systems AS-105
YCFAC	6.8 ± 0.3	Yeast Casitone Fatty Acids broth with carbohydrates	Anaerobe Systems AS-680
MTGE	7.1 ± 0.4	Anaerobic Enrichment broth	Anaerobe Systems AS-780
PYGB	7.2 ± 0.3	Peptone Yeast Extract broth with Glucose	Anaerobe Systems AS-822
FAB	7.2 ± 0.2	Fastidious Anaerobe broth	Neogen NCM0199A
RCB	6.8 ± 0.3	Reinforced Clostridial broth	Anaerobe Systems AS-606
B&B	5.9 ± 0.2	Bryant and Burkey Media	HiMedia GM1385
Mega	7.1 ± 0.2	Mega media	Prepared internally
M2GSC	6.3	M2GSC media with 30% clarified rumen fluid	Prepared internally, ATCC2857