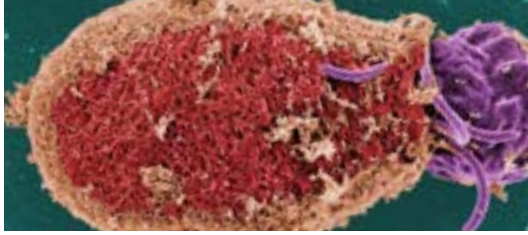
THE ESSENTIALS OF
LIFE SCIENCE RESEARCH
GLOBALLY DELIVERED™



ATCC®

PARASITIC PROTOZOA GENOMIC DNA

Standardized molecular reagents are critical in the development of molecular assays used to diagnose parasitic disease. Genomic DNA preparations from parasitic protozoa provide researchers with rapid access to protozoan nucleic acids without the hassle of *in vitro* expansions. They are useful in a variety of applications, including PCR-based assays and whole genome sequencing.

ATCC offers a growing assortment of DNA prepared from our vast collection of living stock protists. Protozoa DNA are available in two easy formats, including the ATCC Protozoa DNA Panels as well as individual reagents. Each preparation provides ≥2 µg genomic DNA, tested for:

- Purity using absorbance
- Concentration by absorbance or PicoGreen®
- Integrity via gel electrophoresis
- Identity and functional activity by PCR amplification of the 18S rRNA gene or other gene targets

ATCC Protozoa DNA Panels

The ATCC Protozoa DNA Panels are comprised of nucleic acid preparations isolated from taxonomic and medically-relevant strains. Each panel is offered at bulk discount pricing, allowing you to take advantage of added cost savings when compared to individual items.

LEISHMANIA DNA PANEL (ATCC® MP-13™)

Leishmaniasis is caused by parasites of the genus *Leishmania* that are transmitted via the bite of various phlebotomine sandfly species. Vaccines against leishmaniasis are still under development, thus the control of this disease relies on prompt diagnosis and chemotherapy in infected humans. The ATCC *Leishmania* DNA Panel (ATCC® MP-13™) consists of:

ATCC® No.	Description	Strain
50134D™	Genomic DNA from *Leishmania infantum*	MHOM/TN/80/IPT-1
PRA-309D™	Genomic DNA from *Leishmania major*	Seidman
30012D™	Genomic DNA from *Leishmania major*	--
30030D™	Genomic DNA from *Leishmania donovani*	Khartoum

ENTERIC PROTOZOA DNA PANEL (ATCC® MP-14™)

Diarrheal diseases due to intestinal protozoan pathogens cause a significant amount of morbidity and mortality worldwide. Three pathogens, *Giardia intestinalis*, *Cryptosporidium* sp., and *Entamoeba histolytica*, are responsible for the majority of intestinal disease caused by this group of pathogens. The ATCC Enteric Protozoa DNA Panel (ATCC® MP-14™) consists of:

ATCC® No.	Description	Strain
50803D™	Genomic DNA from *Giardia intestinalis*	WB Clone C6
PRA-67D™	Genomic DNA from *Cryptosporidium parvum*	Iowa
50608D™	Genomic DNA from *Blastocystis hominis*	BT1
30459D™	Genomic DNA from *Entamoeba histolytica*	HM-1:IMSS*

*This strain only yields ≥50 ng of DNA.

Individual Reagents

Select protozoa DNA preparations from our expanding list of selections, including DNA from *Neospora*, *Toxoplasma*, and *Trypanosoma*.

Species and ATCC® No.	Description	Strain
***ACANTHAMOEBA* SP.**		
30010D™	Genomic DNA from *Acanthamoeba castellani*	Neff
BLASTOCYSTIS HOMINIS		
50177D™	Genomic DNA from *Blastocystis hominis*	Nand II
50608D™	Genomic DNA from *Blastocystis hominis*	BT1
***CRYPTOSPORIDIUM* SP.**		
PRA-67D™	Genomic DNA from *Cryptosporidium parvum*	Iowa
ENTAMOEBA HISTOLYTICA		
30459D™	Genomic DNA from *Entamoeba histolytica*	HM-1:IMSS*
GIARDIA INTESTINALIS		
30888D™	Genomic DNA from *Giardia intestinalis*	Portland-1
30957D™	Genomic DNA from *Giardia intestinalis*	WB
50803D™	Genomic DNA from *Giardia intestinalis*	WB Clone C6
***LEISHMANIA* SP.**		
50134D™	Genomic DNA from *Leishmania infantum*	MHOM/TN/80/IPT-1
PRA-309D™	Genomic DNA from *Leishmania major*	Seidman
30012D™	Genomic DNA from *Leishmania major*	--
30030D™	Genomic DNA from *Leishmania donovani*	Khartoum
***NEOSPORA* SP.**		
50843D™	Genomic DNA from *Neospora caninum*	Nc-1
TOXOPLASMA GONDII		
50174D™	Genomic DNA from *Toxoplasma gondii*	RH
***TRYPANOSOMA* SP.**		
30022D™	Genomic DNA from *Trypanosoma lewisi*	Lincicome
30266D™	Genomic DNA from *Trypanosoma cruzi*	Tulahuen
50823D™	Genomic DNA from *Trypanosoma cruzi*	SYLVIO-X10
***TRICHOMONAS* SP.**		
30001D™	Genomic DNA from *Trichomonas vaginalis*	C-1:NIH

*This strain only yields ≥50 ng of DNA.

The ATCC Protozoa & Algae webpage has a new look!

VISIT US ONLINE AT ATCC.ORG/PRODUCTS/CELLS_AND_MICROORGANISMS/PROTOZOA.ASPX TO LEARN MORE ABOUT:

- ATCC living stock protists classified by supergroup
- Protozoan nucleic acids
- Culture media

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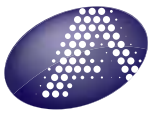

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MB-0713-02