

TgH 00008

Publication code	CAST		
Depositor	D.SIBLEY	Deposit history	JS.REMINGTON 1988 > D.SIBLEY > BRC Toxoplasma
Host	Human	Tissue	Not reported
Disease	Immunocompromised/AIDS	Genotype	Haplogroup 7 [Complete sequencing]
Date of isolation	1988	Geographic source	North America > USA
Mouse virulence	Highly virulent	Other characteristics	
Available parasitic stages	Tachyzoite (8.10 ⁶ /cryovial) and/or Bradyzoites (60 cysts/cryovial)	Shipped	Frozen
Propagation at BRC	Cell culture, grown with human foreskin fibroblast cells VERO or with human monocytes THP-1 Mouse passages.		
References	<p>Howe DK, Sibley LD. 1995. Toxoplasma gondii comprises three clonal lineages: correlation of parasite genotype with human disease. J Infect Dis. 2(6):1561-6. PubMed PMID:7594717.</p> <p>Khan A, Fux B, Su C, Dubey JP, Darde ML, Ajioka JW, Rosenthal BM, Sibley LD. 2007. Recent transcontinental sweep of Toxoplasma gondii driven by a single monomorphic chromosome. Proc Natl Acad Sci U S A. 104(37):14872-7. Epub 2007 Sep 5. PubMed PMID:17804804; PubMed Central PMCID: PMC1965483.</p> <p>Fux B, Nawas J, Khan A, Gill DB, Su C, Sibley LD. 2007. Toxoplasma gondii strains defective in oral transmission are also defective in developmental stage differentiation. 75:2580-2590. PubMed:17339346.</p> <p>Melo MB, Nguyen QP, Cordeiro C, Hassan MA, Yang N, McKell R, et al. 2013. Transcriptional analysis of murine macrophages infected with different toxoplasma strains identifies novel regulation of host signaling pathways. PLoS Pathog. 9(12):e1003779. PMID:24367253.</p> <p>Khan A, Ajzenberg D, Mercier A, Demar M, Simon S, Dardé ML, Wang Q, Verma SK, Rosenthal BM, Dubey JP, Sibley LD. 2014. Geographic separation of domestic and wild strains of Toxoplasma gondii in French Guiana correlates with a monomorphic version of chromosome 1a. PLoS Negl Trop Dis. 2014 sep 18;8(9):e3182. PubMed PMID:25233228. PubMed Central PMCID: PMC4169257</p>		