

TgH 00007

Publication code	FOU		
Depositor	ML.DARDE	Deposit history	ML.DARDE 1992 > D.SIBLEY > BRC Toxoplasma 2011
Host	Human	Tissue	Bone marrow
Disease	immunocompromised/transplant/extra cerebral toxoplasmosis	Genotype	Haplogroup 6a (Africa 1) [Complete sequencing]
Date of isolation	null	Geographic source	Europe > France > Presumably imported from sub-Saharan
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, Ajjoka 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>Ajzenberg D, Yera H, Marty P, Paris L, Dalle F, Menotti J, Aubert D, Franck J, Bessières MH, Quinio D, Pelloux H, Delhaes L, Desbois N, Thulliez P, Robert-Gangneux F, Kauffman-Lacroix C, Pujol S, Rabodonirina M, Bougnoux ME, Cuisenier B, Duhamel C, Duong TH, Filisetti D, Flori P, Gay-Andrieu F, Pratlong F, Nevez G, Totet A, Carne B, Bonnabau H, Dardé ML, Villena I. 2009. Genotype of 88 Toxoplasma gondii isolates associated with toxoplasmosis in immunocompromised patients and correlation with clinical findings. J Infect Dis. 199(8):1155-67. PubMed PMID:19265484.</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. Infect immun. 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</p>		