

TgH 00002

Publication code	RUB		
Depositor	I.VILLENA	Deposit history	I.VILLENA 1992 > BRC Toxoplasma 2002
Host	Human	Tissue	Lung bronchoalveolar lavage
Disease	Immunocompetent patient / pulmonary toxoplasmosis /	Genotype	Haplogroup 5 (Amazonian) [Complete sequencing]
Date of isolation	1992	Geographic source	South America > French Guiana
Mouse virulence	Virulent	Other characteristics	Highly pathogenic in humans
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>Dardé ML, Villena I, Pinon JM, Beguinot I. 1998. Severe toxoplasmosis caused by a <i>Toxoplasma gondii</i> strain with a new isoenzyme type acquired in French Guyana. <i>J Clin Microbiol.</i> 36(1):324. PubMed:9431981.</p> <p>Ajzenberg D, Banuls AL, Tibayrenc M, Dardé ML. 2002. Microsatellite analysis of <i>Toxoplasma gondii</i> shows a considerable polymorphism structured into two main clonal groups. <i>Int J Parasitol.</i> 32,27-38. PubMed:11796120.</p> <p>Ajzenberg D, Banuls AL, Su C, Dumètre A, Demar M, Carne B, Dardé ML. 2004. Genetic diversity, clonality and sexuality in <i>Toxoplasma gondii</i>. <i>Int J Parasitol.</i> 34(10):1185-96. PubMed:15380690.</p> <p>Khan A, Fux B, Su C, Dubey JP, Dardé ML, Ajioka JW, Rosenthal BM, Sibley LD. 2007. Recent transcontinental sweep of <i>Toxoplasma gondii</i> driven by a single monomorphic chromosome. <i>Proc Natl Acad Sci U S A.</i> 104(37):14872-7. PubMed PMID:17804804.</p> <p>Melo MB, Nguyen QP, Cordeiro C, Hassan MA, Yang N, McKell R, et al. Transcriptional analysis of murine macrophages infected with different toxoplasma strains identifies novel regulation of host signaling pathways. <i>PLoS Pathog</i> 2013;9:e1003779.</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 <i>Toxoplasma gondii</i> in French Guiana correlates with a monomorphic version of chromosome 1a. <i>PLoS Negl Trop Dis.</i> 2014 sep 18;8(9):e3182. PubMed PMID:25233228. PubMed Central PMCID: PMC4169257.</p>		