

TgA 105001

Publication code	TgA 105001		
Depositor	ML. DARDE	Deposit history	A.MERCIER>JP.GONZALES>ML. DARDE>BRC Toxoplasma 2011
Host	Chicken (Gallus domesticus)	Tissue	Brain, Heart
Disease	Chronic toxoplasmosis	Genotype	Haplogroup 6a (Africa I) [Complete sequencing]
Date of isolation	2007	Geographic source	Africa > Gabon
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>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> <p>Lorenzi H et al. Local admixture of amplified and diversified secreted pathogenesis determinants shapes mosaic <i>Toxoplasma gondii</i> genomes. <i>Nat Commun</i>. 2016 Jan 7;7:10147. doi:10.1038/ncomms10147.</p> <p>Bertranpetit E, Jombart T, Paradis E, Pena H, Dubey J, Su C, Mercier A, Devillard S, Ajzenberg D. Phylogeography of <i>Toxoplasma gondii</i> points to a South American origin. <i>Infect Genet Evol</i>. 2016 Dec 24;48:150-155. [IF,2.59-SIGAPS C]</p>		