

TgA 00007

| | | | |
|-----------------------------------|---|------------------------------|--|
| Publication code | TgCatBr5 | | |
| Depositor | JP.DUBEY | Deposit history | JP DUBEY 2003 > D SIBLEY > BRC Toxoplasma 2011 |
| Host | Cat (felis silvestris) | Tissue | Brain, Heart |
| Disease | Chronic toxoplasmosis | Genotype | Haplogroup 8 [Complete sequencing] |
| Date of isolation | 2003 | Geographic source | South America > Brazil |
| 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>Dubey JP, Navarro IT, Sreekumar C, Dahl E, Freire RL, Kawabata HH, Vianna MC, Kwok OC, Shen SK, Thulliez P, Lehmann T. 2004. Toxoplasma gondii infections in cats from Parana, Brazil: seroprevalence, tissue distribution, and biologic and genetic characterization of isolates. J Parasitol. 90(4):721-6. PubMed PMID:15359466.</p> <p>Khan A, Fux B, Su C, Dubey JP, Dardé 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. PubMed PMID:17804804.</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> | | |