

26 kDa secreted antigen/TES-26 Protein, Canine (P.pastoris, His)

Cat. No.:	HY-P71803
Synonyms:	TES-2626kDa secreted antigen; Toxocara excretory-secretory antigen 26; TES-26
Species:	Canine
Source:	P. pastoris
Accession:	P54190 (22Q-262A)
Gene ID:	/
Molecular Weight:	Approximately 27.9 kDa

PROPERTIES

AA Sequence	<p>Q C M D S A S D C A A N A G S C F T R P V S Q V L Q N R C Q R T C N T C D C R D</p> <p>E A N N C A A S I N L C Q N P T F E P L V R D R C Q K T C G L C A G C G F I S S</p> <p>G I V P L V V T S A P S R R V S V T F A N N V Q V N C G N T L T T A Q V A N Q P</p> <p>T V T W E A Q P N D R Y T L I M V D P D F P S A A N G Q Q G Q R L H W W V I N I</p> <p>P G N N I A G G T T L A A F Q P S T P A A N T G V H R Y V F L V Y R Q P A A I N</p> <p>S P L L N N L V V Q D S E R P G F G T T A F A T Q F N L G S P Y A G N F Y R S Q</p> <p>A</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The recombinant TES-26 antigen shows high specificity and cross-reacted with T. gondii infection sera only (Toxoplasma gondii, Plasmodium vivax, Entamoeba histolytica, hydatid and hookworm infections.) ^[1] .
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REFERENCES

[1]. Anju Varghese, et al.Sero-detection of *Toxocara canis* infection in human with *T.canis* recombinant arginine kinase, cathepsin L-1 and TES-26 antigens. *Acta Parasitol.* 2017 Dec 20;62(4):775-778.

Caution: Product has not been fully validated for medical applications. For research use only.

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