

Canine General Transcription Factor IIF, Polypeptide 1 ELISA Kit | GTF2F1 elisa kit

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CATALOG #
AAA94057

REACTIVITY
Canine

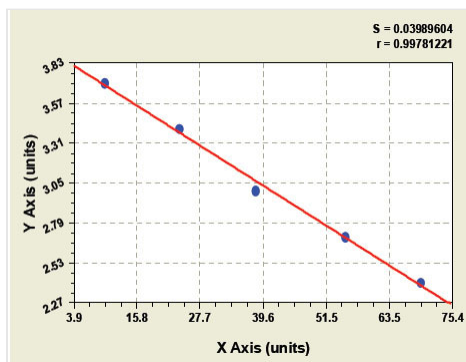
PRODUCT SYNONYMS

General Transcription Factor IIF; Polypeptide 1; Canine General Transcription Factor IIF; Polypeptide 1 ELISA Kit; GTF2F1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This GTF2F1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine GTF2F1. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GTF2F1 elisa kit

Principle of the Assay: GTF2F1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GTF2F1 antibody and an GTF2F1-HRP conjugate. The assay sample and buffer are incubated together with GTF2F1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GTF2F1 concentration since GTF2F1 from samples and GTF2F1-HRP conjugate compete for the anti-GTF2F1 antibody binding site. Since the number of sites is limited, as more sites are occupied by GTF2F1 from the sample, fewer sites are left to bind GTF2F1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GTF2F1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145713
NCBI GeneID	2962
UniProt Accession #	Q6IBK5; P35269
Molecular Weight	58,226 Da
NCBI Official Full Name	GTF2F1
NCBI Official Synonym Full Names	general transcription factor IIF, polypeptide 1, 74kDa
NCBI Official Symbol	GTF2F1
NCBI Official Synonym Symbols	BTF4; RAP74; TF2F1; TFIIF
NCBI Protein Information	general transcription factor IIF subunit 1; TFIIF-alpha; transcription initiation factor RAP74; general transcription factor IIF 74 kDa subunit; transcription initiation factor IIF subunit alpha
UniProt Protein Name	GTF2F1 protein
UniProt Gene Name	GTF2F1
UniProt Entry Name	Q6IBK5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gtf2f1-canine-elisa-kits/general-transcription-factor-iif-polypeptide-1/94057>