# Ovotransferrin (OTF) ELISA Kit for Monkey

## PRODUCT OVERVIEW

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| **Product Name** | Ovotransferrin (OTF), ELISA Kit |
| **Full Product Name** | Monkey Ovotransferrin (OTF) ELISA Kit |
| **Product Gene Name** | OTF elisa kit |
| **Species Reactivity** | Monkey |
| **Preparation and Storage** | Store all reagents at 2-8 degree C |
| **Molecular Weight** | 77,777 Da |
| **Related Product Information for OTF elisa kit** | MBS9350972 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Ovotransferrin (OTF) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing OTF. The ELISA analytical biochemical technique of the MBS9350972 kit is based on OTF antibody-OTF antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect OTF antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, OTF. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%). |
| **Other Notes** | Small volumes of OTF elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OTF. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 45385813 |
| **NCBI GeneID** | 396241 |
| **NCBI Accession #** | NP_990635.1 |
| **UniProt Related Accession #** | P02789 |
| **GenBank Nucleotide #** | NM_205304.1 |
| **NCBI Official Full Name** | ovotransferrin |
| **NCBI Official Synonym Full Names** | transferrin (ovotransferrin) |
| **NCBI Official Symbol** | TF |
| **NCBI Official Synonym Symbols** | LTF; TFEW; conalbumin |
| **UniProt Protein Name** | Ovotransferrin |
| **UniProt Synonym Protein Names** | Allergen Gal d III; Conalbumin; Serum transferrin; Allergen: Gal d 3 |
| **UniProt Entry Name** | TRFE_CHICK |
| **NCBI Protein Information** | ovotransferrin |

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| **UniProt Comments for OTF** | Transferrins are iron binding transport proteins which can bind two Fe3+ ions in association with the binding of an anion, usually bicarbonate. Responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. There are two forms of hen transferrin, ovotransferrin, found in the ovoducts and, serum transferrin, secreted by the liver. Serum transferrin may also have a role in stimulating cell proliferation and is regulated by iron levels. Ovotransferrin has a bacteriostatic function and, is not controlled by iron levels. |
| **Research Articles on OTF** | **1.** unfolding pathway and conformational stability of conalbumin |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

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