

Oncogene Science TIMP-1 ELISA

Tissue Inhibitor of Metalloproteinase-1 (TIMP-1)
For Research Use Only. Not for use in diagnostic procedures.

Tissue Inhibitor of Metalloproteinase-1 (TIMP-1)

→ Use

The Oncogene Science® TIMP-1 ELISA is an enzyme-linked immunoassay for the quantitation of total (free and complexed) tissue inhibitor of metalloproteinase-1 (TIMP-1) in human serum and plasma. This test is for research use only (RUO) and is not for use in diagnostic procedures.



→ TIMP-1

Tissue inhibitor of metalloproteinase-1 is a 28-kDa protein present in most human tissues and body fluids, which has been reported to regulate such diverse cellular activities as cell growth, migration and apoptosis. Originally identified and characterized due to its ability to bind to and inhibit the function of matrix metalloproteinases (MMPs), recent studies have indicated TIMP-1 may also act via MMP-independent pathways [1].

Numerous studies have examined levels of TIMP-1 in serum and plasma in several types of cancers, including ovarian, prostate and lung [2–4].

Other research has studied a possible association between elevated TIMP-1 levels and patient outcome and survival in colorectal and breast cancers [5-10]. In addition, serum levels of TIMP-1 have also been studied as a potential non-invasive marker of chronic liver disease [11]. Additional studies could

help to define TIMP-1's role as a potential biomarker in the area of oncology and liver disease.

The TIMP-1 ELISA is a research tool designed to provide a convenient, accurate, and reproducible method to determine TIMP-1 levels in human serum or plasma. In addition, the TIMP-1 ELISA may be used in conjunction with tests that measure other circulating oncoproteins such as serum HER-2/neu.

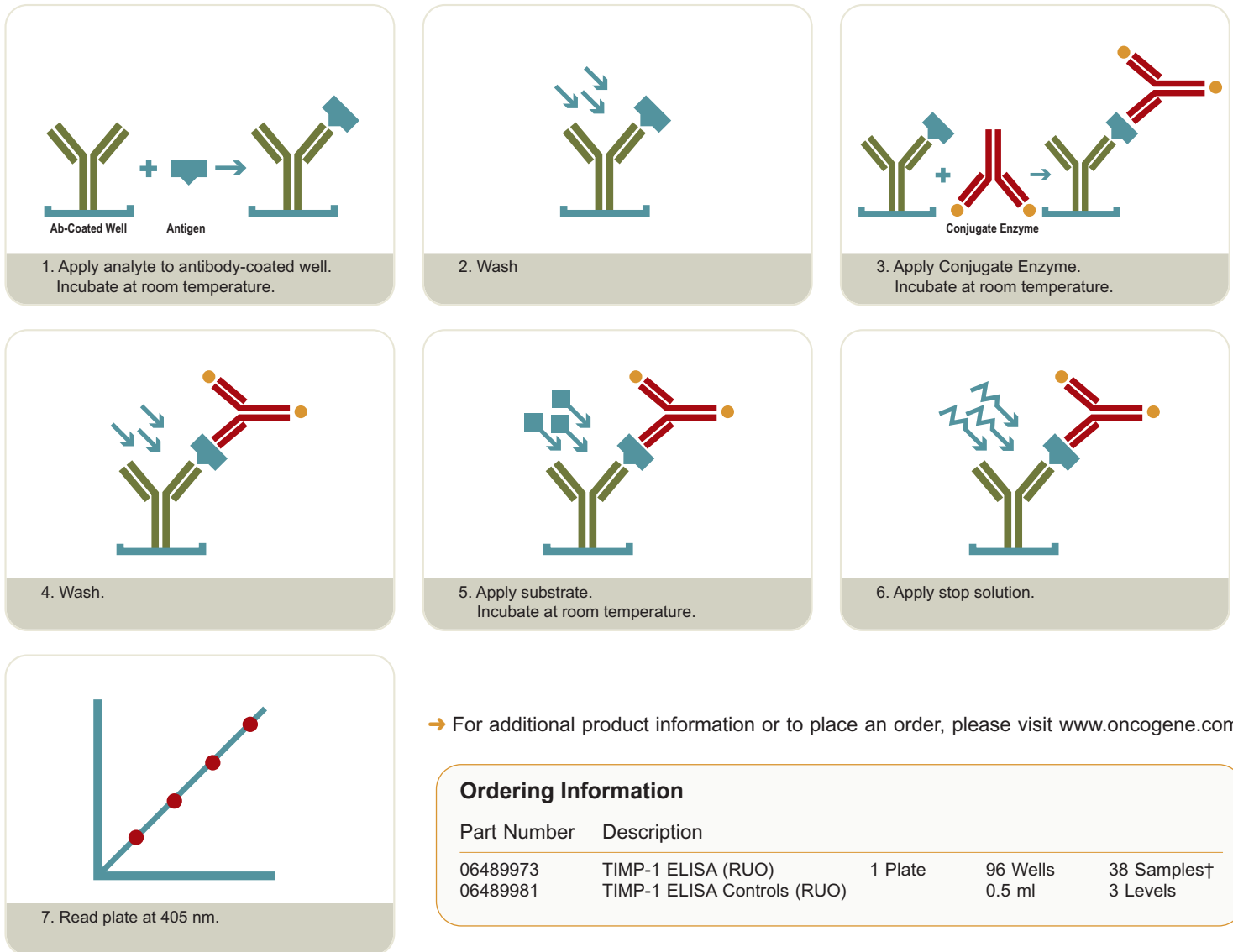
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*A study funded with Oncogene Science ELISA kits.

ELISA Procedure for TIMP-1

Results are available in one day for researchers who require a standardized, reliable result for comparing values within the laboratory and between laboratories.



→ For additional product information or to place an order, please visit www.oncogene.com.

Ordering Information

Part Number	Description			
06489973	TIMP-1 ELISA (RUO)	1 Plate	96 Wells	38 Samples†
06489981	TIMP-1 ELISA Controls (RUO)		0.5 ml	3 Levels

Each plate contains 96 antibody-coated test wells (12 strips of 8).

The TIMP-1 ELISA also includes the following required materials to ensure accurate, consistently reproducible results:

- TIMP-1 Standards
- Conjugate
- Substrate
- Sample Diluent
- Platewash Concentrate
- Microtiter Plate
- Filtered RO Water
- Stop Solution

†Tests to be run in duplicate.

