

[Toutes les photos \(1\)](#)**Documents**[↓ FDS](#)[🔍 COO/COA](#)**11544675001 Roche**

Cell Death Detection ELISA

sufficient for ≤ 96 tests, suitable for ELISA, kit of 1 (9 components)

Synonyme(s):

ELISA

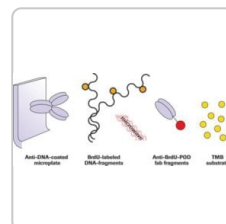
Référence	Conditionnement	Disponibilité	Prix	Quantité
11544675001	96 TESTS	 Date d'expédition estimée le 28 novembre 2022	554,00 €	– + 

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PRODUITS RECOMMANDÉS



Roche

CELLETH-RO**Cell Death Detection ELISA^{PLUS}**sufficient for 96 multiwell tests (11774425001),
sufficient for 10 x 96 multiwell tests (11920685001)

Roche

11585045001**Cellular DNA Fragmentation ELISA**

[Consulter le prix et la disponibilité](#)[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Utilisation	sufficient for ≤ 96 tests
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Niveau de qualité	100
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Conditionnement	kit of 1 (9 components)
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manufacturer/tradename	Roche
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technique(s)	ELISA: suitable
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Expédié(e)s dans	wet ice
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Temp. de stockage	2-8°C
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Catégories apparentées

[Roche® Life Science Products](#)

DESCRIPTION

Description générale

The Cell Death Detection ELISA serves as photometric enzyme immunoassay for the qualitative and quantitative *in vitro* determination of cytoplasmic histone-associated DNA fragments (mono- and oligonucleosomes) after induced cell death. This assay is based on the quantitative sandwich-enzyme immunoassay-principle using mouse monoclonal antibodies directed against DNA and histones, respectively. The antibodies used are not species specific.

Spécificité

Anti-histone antibody reacts with the histones H1, H2A, H2B, H3, and H4 of various species (e.g., human, mouse, rat, hamster, cow, opossum, and *Xenopus*). Anti-DNA-POD antibody binds to ss- and dsDNA. Therefore, the ELISA allows the detection of mono- and oligonucleosomes from various species, and may be applied to measure apoptotic cell death in many different cell systems.

Application

Cell Death Detection ELISA has been used to measure Caspase-3 activity, intracellular reactive oxygen species (ROS) and cell apoptosis.

For research use only. Not for use in diagnostic procedures.

Specific determination of mono- and oligonucleosomes in the cytoplasmic fraction of cell lysates.

Conditionnement

1 kit containing 9 components.

Notes préparatoires

Working solution: Coating solution

Predilute 1 ml Coating buffer conc. with 9 ml double dist. water. Shortly before use, dilute 1 ml anti-histone antibody (reconstituted) with 9 ml Coating buffer.

Washing solution

Warm the Washing buffer concentrate to 15 to 25 °C and dilute 40 ml in 360 ml double distilled water. Mix thoroughly.

Sample solution

Preparation of the sample solution depends on the cell system used and the extent of cell death.

Example: Dilute 25 µl of sample in 225 µl Incubation buffer.

Conjugate solution

Dilute 1 ml Anti-DNA-POD (reconstituted) with 9 ml Incubation buffer.

Substrate solution

Depending on the number of samples tested, dissolve 1, 2, or 3 tablets in 5, 10, or 15 ml Substrate buffer.

Allow to come to 15 to 25 °C before use.

Note: The ABTS solution is light sensitive over extended periods of time.

Storage conditions (working solution): Anti-histone

2 to 8 °C for 2 months

Anti-DNA-POD

2 to 8 °C for 2 months

Coating solution

Prepare immediately before use!

Washing solution

2 to 8 °C for 2 months

Sample solution

2 to 8 °C for 2 months

Conjugate solution

Prepare immediately before use!

Substrate solution

2 to 8 °C for 1 month, protected from light.

Reconstitution**Anti-histone**

Reconstitute the lyophilizate in 1 ml double-distilled water for 10 minutes. Mix thoroughly.

Anti-DNA-POD

Reconstitute the lyophilizate in 1 ml double-distilled water for 10 minutes. Mix thoroughly.

Autres remarques

For life science research only. Not for use in diagnostic procedures.

Composants de kit seuls

Réf. du produit	Description
	Anti-histone antibody (clone H11-4)
	Anti-DNA-POD antibody (clone MCA-33)
	Coating Buffer
	Washing Buffer
	Incubation Buffer, ready-to-use solution
	Substrate Buffer, ready-to-use solution
	ABTS Substrate Tablet

Afficher tout (9) 

INFORMATIONS SUR LA SÉCURITÉ

Pictograms



GHS05,GHS07

Mention d'avertissement

Danger

Mentions de danger

H317 - H318

Conseils de prudence

P261 - P280 - P305 + P351 +
P338 + P310 - P333 + P313 -
P362 + P364 - P501

Classification des risques

Eye Dam. 1 - Skin Sens. 1

Code de la classe de stockage

12 - Non Combustible Liquids

WGK

WGK 2

Flash Point(F)

does not flash

Point d'éclair C

does not flash

DOCUMENTATION

Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COA)

Rechercher

Certificat d'origine

Saisir un numéro de lot pour rechercher un certificat d'origine (COO).

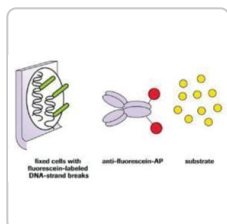
Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Roche

11684809910

In Situ Cell Death Detection Kit, AP

sufficient for ≤50 tests, kit of 1 (3 components), suitable for detection

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Z742495

MyBlock™ HL Mini dry bath with heated lid

AC/DC input 100 V / 240 V AC, EuroPlug

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ARTICLES REVUS PAR DES PAIRS

N-Acetyl cysteine does not prevent liver toxicity from chronic low-dose plus subacute high-dose paracetamol exposure in young or old mice.

Alice Elizabeth Kane et al.

Fundamental & clinical pharmacology, 30(3), 263-275 (2016-01-29)

Paracetamol is an analgesic commonly used by people of all ages, which is well documented to cause severe hepatotoxicity with acute overexposures. The risk of hepatotoxicity from nonacute paracetamol exposures is less extensively studied, and this is the exposure most

Methylglyoxal causes strong weakening of detoxifying capacity and apoptotic cell death in rat hippocampal neurons.

Silvia Di Loreto et al.

The international journal of biochemistry & cell biology, 40(2), 245-257 (2007-09-18)

The hippocampus is known to play a crucial role in learning and memory. Recent data from literature show that cognitive problems, common to aged or diabetic patients, may be related to accumulation of toxic alpha-oxoaldehydes such as methylglyoxal. Thus, it

Inhibition of Proliferation and Epithelial Mesenchymal Transition in Retinal Pigment Epithelial Cells by Heavy Chain-Hyaluronan/Pentraxin 3.

Hua He et al.

Scientific reports, 7, 43736-43736 (2017-03-03)

Proliferative vitreoretinopathy (PVR) is mediated by proliferation and epithelial mesenchymal transition (EMT) of retinal pigment epithelium (RPE). Because heavy chain-hyaluronic acid/pentraxin 3 (HC-HA/PTX3) purified from human amniotic membrane exerts anti-inflammatory and anti-scarring actions, we hypothesized that HC-HA/PTX3 could inhibit these

Muscle aging and oxidative stress in wild-caught shrews.

Allyson G Hindle et al.

Comparative biochemistry and physiology. Part B, Biochemistry & molecular biology, 155(4), 427-434 (2010-01-30)

Red-toothed shrews (Soricidae, subfamily Soricinae) are an intriguing model system to examine the free-radical theory of aging in wild mammals, given their short (<18months) lifespan and high mass-specific metabolic rates. As muscle performance underlies both foraging ability and predator avoidance

Targeting retinoblastoma protein phosphorylation in combination with EGFR inhibition in pancreatic cancer cells.

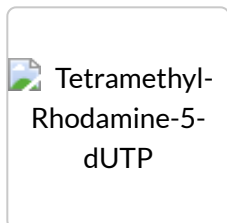
Nimmi A Thomas et al.

International journal of oncology, 54(2), 527-536 (2018-12-12)

Pancreatic ductal adenocarcinoma (PDAC) remains a particularly lethal disease that is resistant to targeted therapies. Tyrosine kinase inhibitors (TKIs), including erlotinib and gefitinib, which block the action of the human epidermal growth factor receptor type 1 receptor, provide small increases

Afficher tous les articles scientifiques apparentés

PRODUITS CONSULTÉS RÉCEMMENT



Roche

11534378910**Tetramethyl-Rhodamine-5-dUTP**

Roche

11493027001**IsoStrip™ Mouse Monoclonal Antibody
Isotyping Kit**

sufficient for 10 tests

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Notre équipe de scientifiques dispose d'une expérience dans tous les secteurs de la recherche, notamment en sciences de la vie, science des matériaux, synthèse chimique, chromatographie, analyse et dans de nombreux autres domaines..

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