EPIGENTEK
Complete Solutions for Epigenetics

TEMA RICERCA

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Tools for Consistent, High Yield, and

Fast Histone Extraction

From Sample to Histones in 1 Hour

EpiQuik™ Total Histone Extraction Kits



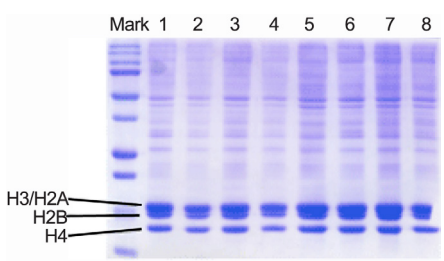
The **EpiQuik™ Total Histone Extraction Kits** allow the researc to reliably and conveniently isolate histone proteins from mamma cells or tissues in just one hour. These kits are recommended for preparing histone extracts for use in Epigentek's histone modification assay kits or in a variety of downstream applications for histone acetylation, methylation, phosphorylation, and sumoylation.

The EpiQuik™ Total Histone Extraction Kit
Extract total core histone proteins (H2A, H2B, H3, and H4) from mammalian cells or tissues.

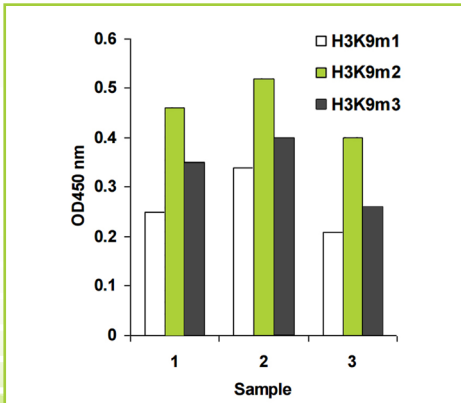
The EpiQuik™ Total Histone Extraction HT Kit
Directly extract histone proteins from mammalian cells cultured in a 96-well plate.

These kits have the following advantages:

- **Speed:** Pre-optimized and simple 1 hour protocol
- **Quality:** Extracts a high yield of total core histones from a minimal amount of starting materials without affecting histone modification status or levels
- **Convenience:** Includes all essential reagents to carry out a histone extraction
- **Consistency:** Standardized procedure for reproducible results
- **Accurate:** Post-translational modifications are kept intact



▲ SDS-PAGE analysis of histone extracts was prepared with the EpiQuik™ Total Histone Extraction Kit (Cat. # OP-0006). 10 µg of each sample were loaded per lane (1-8).



▲ Histone extracts were prepared from MCF-7 cells (30,000 cells/well) using the EpiQuik™ Total Histone Extraction HT Kit (Cat # OP-0007) and acetyl histone H3 was quantified using the EpiQuik™ Global Pan-Methyl Histone H3K9 Quantification Kit (Colorimetric) (Cat. # P-3036).

Ordering Information

Product Name	Size	Cat. No.
EpiQuik Total Histone Extraction Kit	100 extractions	OP-0006-100
EpiQuik Total Histone Extraction HT Kit	192 extractions	OP-0007-192

Learn more online at: www.epigentek.com/protein-preparation

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Tools for Consistent, High Yield, and

Fast Nuclear Extraction



From Cells to Nuclear Extracts in 1 Hour

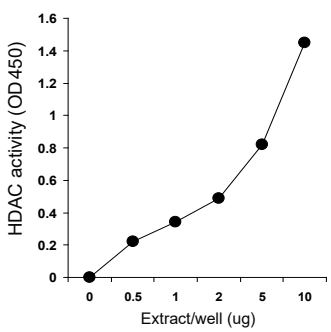
EpiQuik™ Nuclear Extraction Kit

The **EpiQuik™ Nuclear Extraction Kit** allows the researcher to reliably and conveniently isolate nuclear proteins from cells or tissues in just one hour. The extracts can be used in Epigentek's DNMT, HMT, Histone Demethylase, HDAC, & HAT kits, or in a variety of applications including Western blots, protein-DNA binding assays, nuclear enzyme assays, and any procedure requiring optimized nuclear proteins.

**Also available in a nucleic acid-free version*

This kit has the following advantages:

- **Speed:** Pre-optimized and simple 1 hour protocol
- **Quality:** Extracts a high yield of nuclear proteins from mammalian cells or tissues while keeping enzymatic activity intact
- **Efficiency:** Perform a total of 100 standard extractions
- **Convenience:** Includes all essential reagents to carry out a nuclear extraction
- **Consistency:** Standardized procedure for reproducible results

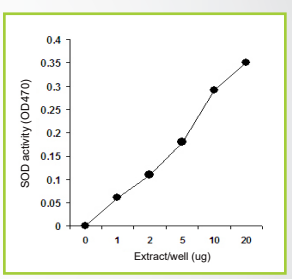


Nuclear extracts were prepared from MCF-7 cells using the EpiQuik™ Nuclear Extraction Kit (Cat. # OP-0002) and the activity of HDACs were measured using various amounts of the extract.

Ordering Information	Product Name	Size	Cat. No.
	EpiQuik Nuclear Extraction Kit	100 extractions	OP-0002-100
	EpiQuik Nuclear Extraction Kit II (Nucleic Acid-Free)*	100 extractions	OP-0022-100

The EpiQuik™ Whole Cell Extraction Kit
(Cat. # OP-0003)

Extract whole cell proteins from mammalian cells or tissues in 45 minutes. The extracts can be used in a variety of applications including Western blots, cellular enzyme assays, and any procedure requiring optimized cellular proteins.



Whole cell extracts were prepared from MCF-7 cells using the EpiQuik™ Whole Cell Extraction Kit (Cat. # OP-0003). Activity of superoxide dismutase (SOD) was measured using various amounts of the extract.

Distribuito da:
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Learn more online at: www.epigentek.com/protein-preparation