

Quick & easy kit for isolating gDNA from FFPE tissue

The new **MagSi-DNA FFPE kit**

from **AMSBIO** enables quick and easy isolation of genomic DNA (gDNA) from mammalian formalin-fixed paraffin-embedded (FFPE) tissue or cell samples.

Developed using proprietary magnetic bead technology

– the MagSi-DNA FFPE kit can be used for manual and automated isolation of gDNA from mammalian FFPE tissue or cell samples.



Image caption: Paraffin-embedded human tissue sample for biopsy sectioning and pathology analysis

The kit

does not require traditional phenol/chloroform extraction or alcohol precipitation steps and also eliminates the need for repeated centrifugation, vacuum filtration or column separations. As a result, following paraffin removal and lysis incubation, the processing time for the preparation of 96 samples is just 40 minutes. The kit has been designed to permit safe handling of potentially infectious samples, and to eliminate sample-to-sample cross-contamination.

Fully compatible

with most commercial liquid handling robots, the MagSi-DNA FFPE kit routinely delivers consistently excellent yields of genomic DNA. The obtained high purity DNA can be used directly for many downstream applications including PCR, NGS and many types of enzymatic reaction.



Depending on your sample materials, the MagSi-DNA FFPE kit can also be used to isolate and co-purify RNA may be co-purified. If co-purification is required, an additional RNase treatment step has to be integrated in the purification protocol.

For further information

on the new MagSi-DNA FFPE kit please visit <https://www.amsbio.com/magsi-dna-extraction-kits/> or contact AMSBIO on +31-72-8080244 / +44-1235-828200 / +1-617-945-5033 / info@amsbio.com.

AMS Biotechnology (AMSBIO)

Founded in 1987, AMS Biotechnology (AMSBIO) is recognized today as a leading transatlantic company contributing to the acceleration of discovery through the provision of cutting-edge life science technology, products and services for research and development in the medical, nutrition, cosmetics, and energy industries. AMSBIO has in-depth expertise in extracellular matrices to provide elegant solutions for studying cell motility, migration, invasion, and proliferation. This expertise in cell culture and the ECM allows AMSBIO to partner with clients in tailoring cell systems to enhance organoid and spheroid screening outcomes using a variety of 3D culture systems, including organ-on-a-chip microfluidics. For drug discovery research, AMSBIO offers assays, recombinant proteins, and cell lines. Drawing upon a huge and comprehensive biorepository, AMSBIO is widely recognized as a leading provider of high-quality tissue specimens (including custom procurement) from both human and animal tissues. The company provides unique clinical grade products for stem cells and cell therapy applications. This includes GMP cryopreservation technology, and high-quality solutions for viral delivery.

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