

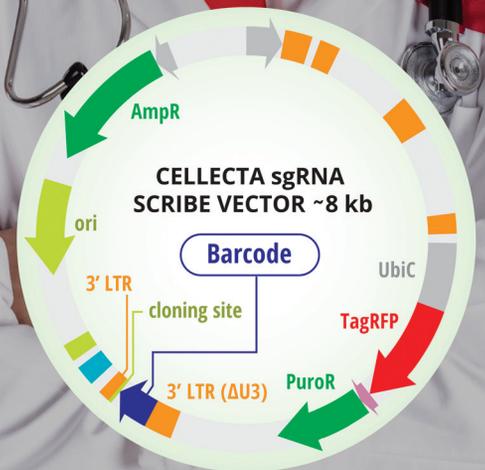


CELLECTA

# CloneTracker™ XP Lentiviral Barcode Libraries

Genetic barcodes for *in vitro* and *in vivo* cell tracking applications.

- Stably label cell populations with up to 10 million unique, error-tolerant barcodes
- Expressed in mRNA, compatible with single-cell RNA-seq
- Fluorescent and chemiluminescent reporters available



Learn how CloneTracker Barcode products can help you track cell populations and clonal cell progeny. Visit [www.cellecta.com](http://www.cellecta.com) today.

## Who we are

Cellecta is a leading provider of genomic products and services. Our functional genomics portfolio includes gene knockout and knockdown screens, custom and genome-wide CRISPR and RNAi libraries, construct services, cell engineering, NGS kits and targeted expression profiling products and services.

We can help your discovery efforts.

[www.cellecta.com](http://www.cellecta.com) [info@cellecta.com](mailto:info@cellecta.com) +1 877-938-3910 or +1 650-938-3910

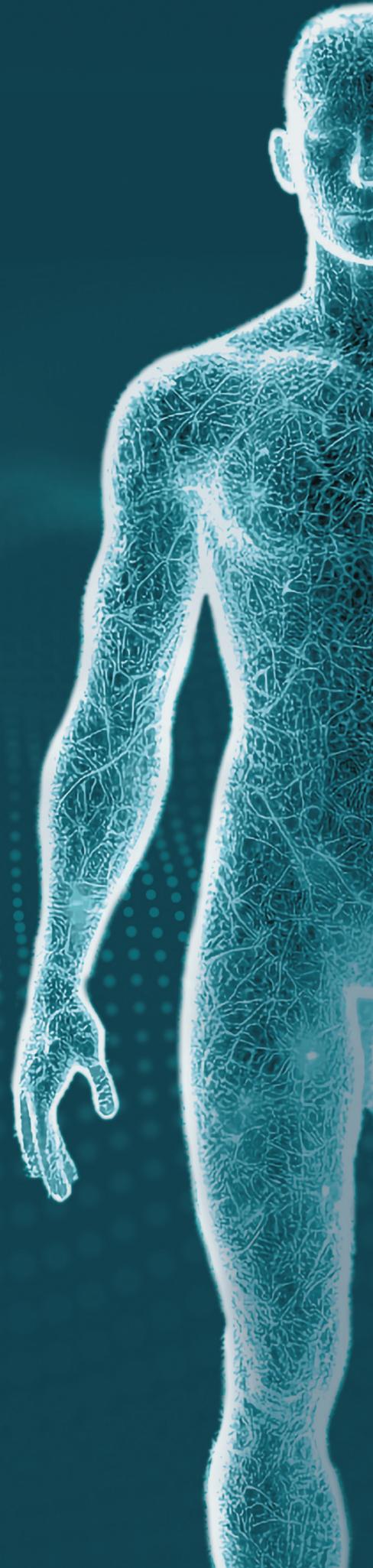


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biomodal

Identify **novel biomarkers** for early detection of cancer from cfDNA with the **6-base genome**

[biomodal.com](http://biomodal.com)



# DNA-Free Enzymes

Advanced purification techniques devoid genomic  
and plasmid DNA from the production strain

At SBS Genetech, we understand the critical importance of uncontaminated reagents for researchers around the globe. That's why we've harnessed **advanced technology to eliminate host DNA from our enzyme products**, ensuring unparalleled purity and reliability in scientific research. We now offer **over 80 commonly used enzymes and mastermixes that are DNA-Free.**

## Ensuring Accuracy in Diagnostics

In molecular diagnostics, even trace amounts of contaminating DNA can compromise the sensitivity and accuracy of tests like PCR and NGS. DNA-free enzymes help maintain the integrity of these diagnostic assays, leading to more reliable disease detection and monitoring.

## Supporting Precise Research

In fields such as cell and tissue culture, genetic engineering, and environmental microbiology, the presence of foreign DNA can skew results and hinder scientific progress. DNA-free enzymes provide the purity needed to conduct precise and reproducible research.

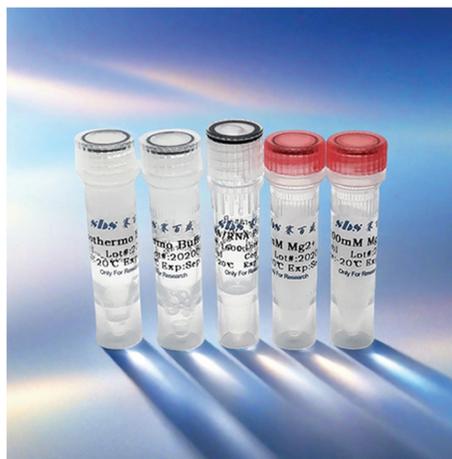
## Preventing Contamination

Host DNA can interfere with experiments by introducing unwanted genetic material, leading to false positives and inaccurate results. Removing host DNA ensures that the outcomes are solely due to the intended variables.

## Upholding Quality Standards

High-quality, DNA-free enzymes undergo rigorous purification and testing processes, ensuring that they meet strict standards of purity. This gives researchers confidence in the reliability of their reagents and the validity of their experimental outcomes.

## 80+ DNA-Free Enzymes & Mastermixes are Available



- DNA-Free M-MLV Reverse Transcriptase
- DNA-Free Taq DNA Polymerase
- DNA-Free HS Taq DNA Polymerase
- DNA-Free Pfu DNA Polymerase
- DNA-Free HS Pfu DNA Polymerase
- DNA-Free HiFi Taq DNA Polymerase
- DNA-Free HS HiFi Taq DNA Polymerase
- DNA-Free PAGE Taq DNA Polymerase
- DNA-Free Thermostable Inorganic Pyrophosphatase
- DNA-Free Inorganic E.coli Pyrophosphatase
- DNA-Free Inorganic Pyrophosphatase
- DNA-Free Thermostable UDG
- DNA-Free Trt DNA Polymerase
- DNA-Free Tma Endonuclease III
- DNA-Free E. coli Endonuclease III (Nth)
- DNA-Free T7 RNA Polymerase
- DNA-Free E. coli Poly(A) Polymerase
- DNA-Free mRNA Cap 2'-O-Methyltransferase
- DNA-Free mRNA-Capping Enzyme
- DNA-Free T4 DNA Ligase
- DNA-Free T4 Gene 32 Protein
- DNA-Free T4 UvsX Recombinase
- DNA-Free T4 UvsY Protein
- DNA-Free Bst DNA Polymerase (Full Length)
- DNA-Free Bst DNA Polymerase (Large Fragment)
- DNA-Free Bsu DNA Polymerase (Large Fragment)
- DNA-Free Sau DNA Polymerase (Large Fragment)
- DNA-Free phi29 DNA Polymerase
- DNA-Free Streptavidin
- DNA-Free RNase T
- DNA-Free PBCV-1 DNA Ligase
- DNA-Free KlenTaq-S Sequencing Polymerase
- DNA-Free Taq DNA Sequencase
- DNA-Free T4 DNA Polymerase
- DNA-Free T4 DNA Polymerase (exo-)
- DNA-Free E. coli DNA Polymerase I
- DNA-Free Klenow Fragment of EcDNApol I
- DNA-Free Klenow Fragment (exo-) of EcDNApol I
- DNA-Free Taq 2xSuperMix
- DNA-Free HS Taq 2xSuperMix
- DNA-Free Pfu 2xSuperMix
- DNA-Free HS Pfu 2xSuperMix
- DNA-Free One-Step RT-PCR Mix
- DNA-Free HSTaq UDG qPCR Mix (SYBR Green)
- DNA-Free HSTaq UDG qPCR Mix (Taqman)
- DNA-Free One-Step RT-qPCR Mix (SYBR Green)
- DNA-Free One-Step RT-qPCR Mix (Taqman)
- .....



Functionality,  
reimagined.



## The New Vortex Mixer

- Mix and vortex in one compact device
- Precisely set speed and duration controls
- Glove compatible touchscreen
- Quickly vortex tubes with just one touch

The Vortex Mixer is ideally suited for assay protocols that require gentle mixing, all the way up to resuspensions that require vigorous vortexing. Find out more at [usascientific.com/vortex\\_mixer](https://usascientific.com/vortex_mixer).



Schedule a  
demo!

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