



AmplideX[®]

Palex
Constant Improvement

PROVEN SCIENCE TO DELIVER CONFIDENT RESULTS.

▶ GENETIC RESULTS—AMPLIFIED

Accurate genetic testing is at the heart of advancing the science of personalized medicine. As testing becomes more complex, choose a diagnostics partner who can help deliver the right information every time. Partner with Asuragen to find answers that transform and evolve the science of genetic testing.

▶ TESTING FOR FRAGILE X SYNDROME

As the inventors of AmplideX technology, Asuragen overcame a 20-year roadblock by reliably amplifying one of the most difficult regions of the human genome. AmplideX® PCR/CE *FMR1* Kit** is the world's leading test for fragile X syndrome, the most common known cause of autism. With AmplideX, you can put together the pieces of the fragile X puzzle.

▶ THE POWER OF INNOVATION

Advances in *FMR1* testing promise improved screening and diagnostics with greater accuracy, superior sensitivity, improved quantification, faster throughput, and higher resolution genotyping. These innovations greatly enhance *FMR1* tests to enable routine carrier screening, improve the understanding of the risk of repeat expansion from parent to child, and provide more flexible and insightful analyses of samples with implications for new generations of fragile X therapies and treatments.

AmplideX[®]

AmplideX[®] PCR/CE *FMR1* Kit**

Detects and quantifies the number of CGG repeats in the *FMR1* gene, including low abundance full mutation size mosaics with up to at least 1300 CGG repeats. This technology relies on patented innovations and chemistries that enable amplification of 99% GC-rich DNA.

AmplideX[®] mPCR *FMR1* Kit*

Quantifies the methylation status in the *FMR1* gene, improves the time-to-result by >90% and uses 50-fold less DNA compared to Southern blot analysis.

AmplideX[®] PCR/CE *FMR1* Controls*

These proprietary mixtures of genomic DNA contain multiple alleles. These controls are well-characterized and can be used as process or batch controls covering multiple size ranges and different methylation states in the *FMR1* gene.

AmplideX[®] PCR/CE *FMR1* Reporter*

Provides instant fragile X repeat genotype analysis along with automated QC checks, sample tracking and trends, and reliable minor allele detection. Built for speed, accuracy and convenience and armed with proprietary algorithms validated using thousands of CGG profiles, the software cuts through tedious analysis bottlenecks to deliver dependable results every time...for every sample.

*For research use only. Not for use in diagnostic procedures. ‡CE-IVD. For US export only.

THE ASURAGEN DIFFERENCE

Asuragen's real-world application of our scientific heritage and expertise delivers products in genetics that provide the best answers and optimal workflows so your time is spent delivering actionable insights, rather than searching for them.

Product Name	Number of Reactions	Catalog Number
AmplideX [®] PCR/CE <i>FMR1</i> Reagents*	100	49402
AmplideX [®] PCR/CE <i>FMR1</i> Kit‡	100	76008
AmplideX [®] mPCR <i>FMR1</i> Kit*	24	49442
AmplideX [®] PCR/CE <i>FMR1</i> Control*	24 µl	49513
AmplideX [®] mPCR <i>FMR1</i> Control*	24 µl	49514
AmplideX [®] PCR/CE <i>FMR1</i> Reporter*	N/A	49576

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