Product Specification Summary

GeneProber™ Digoxigenin Labeled Probes

Catalog Number	40-2057-41
Product Name	ALS C9orf72 hexanucleotide expansion Genotyping GeneProber ALS-GL577
Size	110 uL
Description	ALS C9orf72 hexanucleotide expansion Genotyping GeneProber ALS-GL577 Digoxigenin Labeled
Component/Note	ALS C9orf72 GeneProber ALS-GL577 is a non-radioactive probe for Southern Blot analysis of the hexanucleotide (GGGGCC) expansion repeat.

Mutations in several genes, including the C9orf72, SOD1, TARDBP, FUS, ANG, ALS2, SETX, and VAPB genes, cause familial ALS and contribute to the development of sporadic ALS. Mutations in the C9orf72 gene are responsible for 30 to 40 percent of familial ALS in the United States and Europe.

Hexanucleotide repeat expansion in the C9ORF72 locus has been identified as a genetic cause, or at least a strong risk factor, for a significant proportion of amyotrophic lateral sclerosis cases. Hexanucleotide (GGGGCC)expansions within the C9ORF72 locus account for approximately 10% of all amyotrophic lateral sclerosis (ALS) cases. Difficulty in estimating the size of the C9ORF72 expansion has precluded investigation of possible correlations between the repeat length and disease characteristics such as age of onset, severity, or speed of progression.

ALS C9orf72 GeneProber ALS-GL577 is a non-radioactive probe for Southern Blot analysis and detection of the expansion size.

Scan the QR Code or visit the following links

Product Infomation http://www.genelink.com/geneprodsite/product.asp?p=17360

Product Manual http://www.genelink.com/Literature/ps/M40-2057-41_ALS_orf72_Ver1.3.pdf

Product MSDS http://www.genelink.com/Literature/ps/MSDSNH.pdf

Related Products

Product	Catalog No	Size
Kennedy Disease (SBMA) GeneProber Digoxigenin labeled Probe; 100 uL	40-2032-41	110 uL
SCA7 GeneProber Digoxigenin labeled Probe; 110 uL	40-2041-41	110 uL
DRPLA GeneProber Digoxigenin labeled; 110 uL	40-2042-41	110 uL
Human mtDNA Deletion Genotyping GeneProber GL557 Digoxigenin labeled ; 110 uL	40-2055-41	110 uL
ALS C9orf72 hexanucleotide expansion Genotyping GeneProber ALS-GL577	40-2057-41	110 uL
Mouse 18S rDNA genomic GeneProber Digoxigenin Labeled	40-2058-41	110 uL
SCA1 GeneProber Digoxigenin labeled Probe; 110 uL	40-2037-41	110 uL
SCA2 GeneProber Digoxigenin labeled Probe; 110 uL	40-2038-41	110 uL
SCA3 GeneProber Digoxigenin labeled Probe; 110 uL	40-2039-41	110 uL
SCA6 GeneProber Digoxigenin labeled Probe; 110 uL	40-2040-41	110 uL
Mouse mtDNA Genotyping GeneProber GL576 Digoxigenin Labeled	40-2056-41	110 uL
Huntington CAG Repeat Genotyping GeneProber™ Digoxigenin labeled; 110 uL	40-2025-41	110 uL
FRAXE/FMR2/AFF2 CCG Repeat Genotyping GeneProber™ AFF2-AJ31Dig1	40-2054-41	110 uL
Fragile X CGG Repeat Genotyping GeneProber™ Digoxigenin labeled ; 110 uL	40-2004-41	110 uL
Myotonic Dystrophy CTG Repeat Genotyping GeneProber™ Digoxigenin labeled ; 110 uL	40-2026-41	110 uL