Product Specification Summary

mtDNA Deletion

Catalog Number	40-2055-41
Product Name	Human mtDNA Deletion Genotyping GeneProber GL557 Digoxigenin labeled ; 110 uL
Size	110 uL
Description	Human mtDNA Deletion Genotyping GeneProber GL557 Digoxigenin labeled ; 110 uL
Component/Note	One tube containing 110 µL of human mitochondrial DNA Deletion GeneProber GL557.

Human mtDNA Deletion GeneProber
Quantity Supplied
One tube containing 110 µL of human mitochondrial DNA Deletion GeneProber GL557. digoxigenin labeled probe at a concentration of ~40ng/uL. The quantity supplied is sufficient for at least 5 20x20 cm blots using 20µL for each blot as probe.

Description
mtDNA deletion syndromes have been reported in patients with various clinical manifestations, including Addison disease,atypical Pearson presentation, cyclic vomiting, severe renal tubulopathy,hepatic dysfunction, dysarthria,organic acidopathy,hypoparathyroidism and hypocalcemia. The mitochondrial DNA deletion syndrome is defined as any case with a single mtDNA deletion, regardless of the clinical phenotype.
Due to increasing awareness of the heterogeneous clinical presentations of mitochondrial disorders, more young children with undefined multisystemic illness are molecularly diagnosed with mtDNA deletions. Most patients with mtDNA deletions manifesting non-neuromuscular multisystemic disorders early in life have mutant mtDNA in various tissues including blood.

The mtDNA Deletion GeneProber is labelled with digoxigenin specifically for use as probe for non-radioactive Southern blot analysis to detect deletion.

Scan the QR Code or visit the following links

Product Infomation http://www.genelink.com/geneprodsite/product.asp?p=17345

Product Manual http://www.genelink.com/Literature/ps/M40-2055-41_Ver1.3.pdf

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

Related Products

Product	Catalog No	Size
Human mtDNA Deletion Genotyping GeneProber GL557 Digoxigenin labeled ; 110 uL	40-2055-41	110 uL
Mouse mtDNA Genotyping GeneProber GL576 Digoxigenin Labeled	40-2056-41	110 uL