

## **CAG Repeat Length Mutation in Huntington's Disease**

Art. ID NIST-2393  
Unit set (6)  
Deliverydetails No Dangerous Good /not restricted

### **Description**

This Standard Reference Material (SRM®) is intended primarily for use in the value assignment of the number of Huntington's Disease [CAG] trinucleotide repeats contained in a human genomic material [1?3]. The six component genomic DNA materials, labeled A to F, are from DNA extracted from cell lines derived from Huntington's Disease samples. A unit of NIST-2393 consists of six sterile 0.5 mL perfluoroalkoxy (PFA) fluoropolymer vials, each vial containing approximately 50 µL of DNA solution of each individual component. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Component A (Allele 1)	Number of Huntington's Disease [CAG] Repeats		15			
Component B (Allele 1)	Number of Huntington's Disease [CAG] Repeats		17			
Component C (Allele 1)	Number of Huntington's Disease [CAG] Repeats		15			
Component D (Allele 1)	Number of Huntington's Disease [CAG] Repeats		35			
Component E (Allele 1)	Number of Huntington's Disease [CAG] Repeats		39			
Component F (Allele 1)	Number of Huntington's Disease [CAG] Repeats		17			
Component A (Allele 2)	Number of Huntington's Disease [CAG] Repeats		29			
Component B (Allele 2)	Number of Huntington's Disease [CAG] Repeats		36			
Component C (Allele 2)	Number of Huntington's Disease [CAG] Repeats		40			
Component D (Allele 2)	Number of Huntington's Disease [CAG] Repeats		45			
Component E (Allele 2)	Number of Huntington's Disease [CAG] Repeats		50			
Component F (Allele 2)	Number of Huntington's Disease [CAG] Repeats		75			