Homologous Recombination Deficiency (HRD) gDNA Reference Standards

From assay development to routine monitoring of HRD companion diagnostic test

GeneWell homologous recombination deficiency (HRD) reference standards are derived from human tumor cell lines. The HRD scores are calculated by proprietary algorithm of Myriad myChoice®CDx. They are ideal tools to monitor the performance and validate the precision of your assay.

Product Code	Product Name	Specification	HRD Score (myChoice® CDx)
IB-GW-FGTM101	HRD gDNA Reference Standard I	30ng/μL, 1μg/tube	10~14
IB-GW-FGTM102	HRD gDNA Reference Standard II	30ng/μL, 1μg/tube	34~38
IB-GW-FGTM103	HRD gDNA Reference Standard III	30ng/μL, 1μg/tube	64~68
IB-GW-FGTM104	HRD gDNA Reference Standard IV	30ng/μL, 1μg/tube	84~88

gDNA of the products is derived from human tumor cell lines and dissolved in Tris-EDTA buffer, stored at 2-8°C.

Key Features

- Designed for quality control of HRD assay process
- The HRD scores are calculated by proprietary algorithm of Myriad myChoice® CDx
- The HRD scores of reference standards cover positive & negative HRD status (GIS ≥ 42 confers a positive GIS status)
- Evaluate the workflow of tumor sample HRD status determination

Applications

The series of HRD reference standards is used to monitor the performance of your assay, and validate the precision of your workflow.

Made-to-order Product List

Product Code	Product Name	Specification	HRD Score (GW)*			
			LOH	TAI	LST	HRD-sum
IB-GW-FGTM003-T	HRD-3-T gDNA Reference Standard	30ng/μL, 1μg/tube	18	6	10	34
IB-GW-FGTM003-N	HRD-3-N gDNA Reference Standard	30ng/μL, 1μg/tube				
IB-GW-FGTM005-T	HRD-5-T gDNA Reference Standard	30ng/μL, 1μg/tube	25	12	6	43
IB-GW-FGTM005-N	HRD-5-N gDNA Reference Standard	30ng/μL, 1μg/tube				
IB-GW-FGTM009-T	HRD-9-T gDNA Reference Standard	30ng/μL, 1μg/tube	6	26	20	52
IB-GW-FGTM009-N	HRD-9-N gDNA Reference Standard	30ng/μL, 1μg/tube				
IB-GW-FGTM002-T	HRD-2-T gDNA Reference Standard	30ng/μL, 1μg/tube	24	32	7	63
IB-GW-FGTM002-N	HRD-2-N gDNA Reference Standard	30ng/μL, 1μg/tube				
IB-GW-FGTM012-T	HRD-12-T gDNA Reference Standard	30ng/μL, 1μg/tube	35	35	24	94
IB-GW-FGTM012-N	HRD-12-N gDNA Reference Standard	30ng/μL, 1μg/tube				

Customised Product List

Sample Code	Suggested Specification	HRD Score (GW)*			
		LOH	TAI	LST	HRD-sum
IB-GWH-01-T	30ng/μL, 1μg/tube	27	24	11	62
IB-GWH-01-N	30ng/μL, 1μg/tube				
IB-GWH-04-T	30ng/μL, 1μg/tube	24	23	16	63
IB-GWH-04-N	30ng/μL, 1μg/tube				
IB-GWH-06-T	30ng/μL, 1μg/tube	16	12	10	38
IB-GWH-06-N	30ng/μL, 1μg/tube				
IB-GWH-07-T	30ng/μL, 1μg/tube	35	22	14	71
IB-GWH-07-N	30ng/μL, 1μg/tube				
IB-GWH-08-T	30ng/μL, 1μg/tube	11	13	15	39
IB-GWH-08-N	30ng/μL, 1μg/tube				
IB-GWH-10-T	30ng/μL, 1μg/tube	19	10	10	39
IB-GWH-10-N	30ng/μL, 1μg/tube				
IB-GWH-11-T	30ng/μL, 1μg/tube	36	34	36	106
IB-GWH-11-N	30ng/μL, 1μg/tube				

* HRD score generated by the WGS analysis results of two matched samples, is only for reference. HRD score=LOH+TAI+LST

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