

Homologous Recombination Deficiency (HRD) gDNA Reference Materials

 From assay development to routine monitoring
of HRD companion diagnostic test



GeneWell homologous recombination deficiency (HRD) reference materials 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 the performance of your assay, and validate the precision of your assay.

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 materials cover positive & negative HRD status (GIS \geq 42 confers a positive GIS status)



Evaluate the workflow of tumor sample HRD status determination

Applications

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

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

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

Fast-track Product List

Product Code	Product Name	LOH	TAI	LST	HRD Score (GW)*	HRD-sum
IB-GW-FGTM003-T	HRD-3-T gDNA	18	6	10		34
IB-GW-FGTM003-N	HRD-3-N gDNA					
IB-GW-FGTM005-T	HRD-5-T gDNA	25	12	6		43
IB-GW-FGTM005-N	HRD-5-N gDNA					
IB-GW-FGTM009-T	HRD-9-T gDNA	6	26	20		52
IB-GW-FGTM009-N	HRD-9-N gDNA					
IB-GW-FGTM002-T	HRD-2-T gDNA	24	32	7		63
IB-GW-FGTM002-N	HRD-2-N gDNA					
IB-GW-FGTM012-T	HRD-12-T gDNA	35	35	24		94
IB-GW-FGTM012-N	HRD-12-N gDNA					

Made-to-order Product List

Product Code	LOH	TAI	LST	HRD Score (GW)*	HRD-sum
IB-GWH-01-T	27	24	11		62
IB-GWH-01-N					
IB-GWH-04-T	24	23	16		63
IB-GWH-04-N					
IB-GWH-06-T	16	12	10		38
IB-GWH-06-N					
IB-GWH-07-T	35	22	14		71
IB-GWH-07-N					
IB-GWH-08-T	11	13	15		39
IB-GWH-08-N					
IB-GWH-10-T	19	10	10		39
IB-GWH-10-N					
IB-GWH-11-T	36	34	36		106
IB-GWH-11-N					

* 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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