

Table S5. Stability monitoring of HbA₂ reference materials.

Category	Temp (°C)	Time	Low value HbA ₂				High value HbA ₂			
			Slope	Uncertainties of Slope	Cut-off value (β_0)	$t_{0,95-2 \times S}(\beta_1)$	Slope	Uncertainties of Slope	Cut-off value (β_0)	$t_{0,95-2 \times S}(\beta_1)$
Cold storage	2-8	5 days	0.0048	0.0067	2.1233	0.0187	0.0016	0.0061	6.2349	0.0170
Room temperature	18-25	24 hours	-0.0038	0.0015	2.1354	0.0042	0.0029	0.0032	6.2169	0.0088
Shipped	-20	5 days	0.0079	0.0050	2.1376	0.0138	-0.0038	0.0024	6.2392	0.0067
Bottle-opening	2-8	5 days	0.0033	0.0029	2.1111	0.0081	0.0100	0.0042	6.1944	0.0118
Freeze-thaw	2-8 and -40	5 times	0.0041	0.0039	2.1212	0.0107	-0.0003	0.0041	6.2286	0.0114
Long-term	-70	24 months	0.0025	0.0074	2.1270	0.0206	-0.0016	0.0035	6.2206	0.0099
Long-term	-20	12 months	0.0051	0.0041	2.1132	0.0115	-0.0041	0.0028	6.2344	0.0078