



# T1 & T2 Gels

## MRI Gel Tubes

A set of 18 gel-filled tubes with calibrated T1 and T2 values, sized to insert into the contrast sections of MagIQ Solo and MagIQ Duo phantoms.



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# T1 & T2 Gels

MRI Gel Tubes

## Technical Information

### Gel T1 & T2 Values - Imaging Field 3.00 Tesla

Temperature (K)						
	292	296	300	292	296	300
Tube no.	T1 (ms)			T2 (ms)		
1	200	223	249	52	50	48
2	299	334	372	73	70	67
3	296	331	368	113	111	110
4	463	516	574	53	49	46
5	450	502	559	94	89	85
6	444	496	552	154	151	148
7	604	674	750	95	89	84
8	596	666	741	136	129	124
9	754	841	935	116	109	103
10	745	831	924	157	149	142
11	903	1007	1120	137	128	121
12	1448	1615	1796	390	373	359
13	966	1078	1199	224	212	203
14	1034	1153	1282	167	156	148
15	1160	1293	1437	214	201	191
16	1276	1422	1581	204	190	180
17	1262	1407	1563	184	171	161
18	1415	1576	1750	174	161	151

Estimated accuracy =  $\pm 3\%$

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# T1 & T2 Gels

MRI Gel Tubes

## Technical Information

### Gel T1 & T2 Values - Imaging Field 1.50 Tesla

Tube no.	Temperature (K)					
	292	296	300	292	296	300
	T1 (ms)			T2 (ms)		
1	199	221	245	52	50	48
2	298	331	367	73	70	67
3	295	329	365	113	111	110
4	455	506	560	53	49	46
5	446	496	550	94	89	85
6	442	492	546	154	151	147
7	597	664	736	95	89	84
8	592	659	731	136	129	124
9	745	828	918	116	108	102
10	739	822	911	157	149	142
11	892	992	1099	137	128	121
12	1440	1603	1779	390	373	359
13	959	1068	1184	223	212	203
14	1023	1137	1260	167	156	148
15	1149	1278	1416	214	201	191
16	1261	1403	1555	204	190	180
17	1246	1385	1535	183	171	161
18	1392	1547	1714	174	161	151

Estimated accuracy =  $\pm 3\%$

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