

A High-Throughput Multiplexed Screening for Type 1 Diabetes, Celiac Diseases, and COVID-19

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Materials

Name	Company	Catalog Number	Comments
5 mM NaCl	ThermoFisher	1070832	
96-well Plate Shaker	VWR	12620-926	
96-well round bottom plate	Fisher	8408220	
Biotin	ThermoFisher	PI21329	
Blocker A	MSD	R93AA	
Bottle-Top 500 ml-Filter Units	Fisher	0974064A	
Bovine Serum Albumin	Sigma	A-7906	
GAD65 protein	Diamyd Medical	10-65702-01	
IA-2 protein (aa 605-979)	Creative BioMart	283309	
MESO QuickPlex SQ120	MSD	R31QQ-3	Electrochemiluminescence analyzer
PBS 10x	ThermoFisher	70011044	
PBS 1x	ThermoFisher	10010023	
Proinsulin protein	AmideBio	20160118B3	
Read buffer B	MSD	Y0800019	
SARS-CoV-2 RBD protein	Creative Biomart	Spike-190V	
Stop Solution	MSD	Y0090019	
Sulfo-TAG	MSD	R91AO-1	
tTG protein	Diarect AG	15201	
Tween 20	Sigma	P-1379	
U-Plex 6-Assay SECTOR plate	MSD	Z00U0142E	6-plex plate
U-PLEX Linker 1	MSD	L0010022	
U-PLEX Linker 10	MSD	L0100020	
U-PLEX Linker 2	MSD	L0020015	
U-PLEX Linker 3	MSD	L0030018	
U-PLEX Linker 8	MSD	L0080018	
U-PLEX Linker 9	MSD	L0090014	

ZeBa Column	ThermoFisher	89892	Spin columns
ZnT8 protein	Research Laboratory	n/a	