Version: 2/2022

SHORT INSTRUCTION

HISTO SPOT® HLA AB Screen/ID Kits

1. WORKLIST IN HISTO MATCH

 Create worklist and  Print layout report

2. PREPARATION OF SERUM SAMPLES

- Centrifuge for **1 – 5 min** at **2.500 – 10.000 g**
- Remove the fatty layer or retrieve the clear part of the serum
- Vortex the clear part of the serum

3. PREPARATION OF REAGENTS

- Incubate the wash buffer for **15 min** at **30°C** to solve salt crystals

4. DILUTION OF SERA AND CONTROLS

Step	Class I	Class II
1. Dilute positive control	**50 µl** Sample buffer class I **1 µl** Pos Ctrl class I	**50 µl** Sample buffer class II **1 µl** Pos Ctrl class II
2. Prepare diluent buffer	n.a.	Dilute AD1 in sample buffer class II 1:100 (see table below)
3. Dilute samples in sample plate	**90 µl** Sample buffer class I **10 µl** Serum	**160 µl** Diluent buffer from step 2 **2 µl** Serum
4. Dilute negative control in sample plate	**90 µl** Sample buffer class I **10 µl** Neg Ctrl Class I	**160 µl** Diluent buffer from step 2 **2 µl** Negt Ctrl Class II
5. Dilute positive control in sample plate	**90 µl** Sample buffer class I **10 µl** diluted Pos Ctrl class I	**160 µl** Diluent buffer from step 2 **2 µl** diluted Pos Ctrl class II

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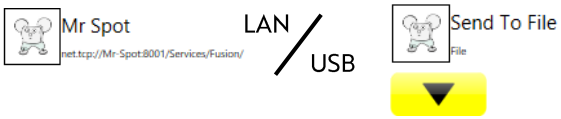
Dilution Table for class II diluent buffer

Volume needed for a run: (no. of samples + 1) x 160 µl

Prepare the diluent buffer afresh for each run!

No. of samples	Sample buffer class II	AD 1
8	1.4 ml	14 µl
16	2.7 ml	27 µl
24	4.0 ml	40 µl
32	5.3 ml	53 µl
40	6.6 ml	66 µl
48	7.8 ml	78 µl
56	9.1 ml	91 µl
64	10.2 ml	102 µl
72	11.7 ml	117 µl
80	13.0 ml	130 µl
88	14.3 ml	143 µl
96	15.5 ml	155 µl

6. TRANSFER THE WORKLIST TO THE MR.SPOT®



7. START THE ASSAY

Follow the instructions on the touchscreen

8. TRANSFER WORKLIST TO HISTO MATCH FOR INTERPRETATION

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