

# Heparin-Induced Thrombocytopenia – PEA

## The next evolution in HIT diagnostics is here

Versiti's P-Selectin Expression Assay (PEA) is available for clinical order. When compared to the technically demanding Serotonin Release Assay (SRA), the PEA is able to detect more patients with HIT antibodies, and boasts a faster analytical time, resulting in an industry-leading TAT of less than 24 hours.

In the below table, Versiti selected a variety of samples with known IgG PF4 and SRA results—varying from strongly positive, to indeterminate/borderline, to strongly negative results. We compared these results to the results of the PEA, as well as the results of a 3<sup>rd</sup> party ("Lab 1") reference lab's SRA results.

ID	Versiti PF4 Interp	Versiti SRA Interp	Versiti PEA Interp	Lab 1 SRA Interp
HIT 1	Positive	Positive	Positive	Negative
HIT 2	Positive	Positive	Positive	Positive
HIT 3	Positive	Positive	Positive	Positive
HIT 4	Negative	Negative	Negative	Negative
HIT 5	Positive	Negative	Positive	Negative
HIT 6	Negative	Negative	Negative	Negative
HIT 7	Negative	Negative	Negative	Negative
HIT 8	Positive	Negative	Positive	Negative
HIT 9	Positive	Positive	Positive	Negative
HIT 10	Borderline	Negative	Positive	Negative
HIT 11	Negative	Negative	Negative	Negative
HIT 12	Positive	Positive	Positive	Positive

Color	Detail
	Samples 1 and 9 were strong positive samples in the Versiti IgG PF4, SRA, and that result was confirmed with the PEA. Lab 1 provided a Negative result for these samples.
	Samples 5, 8, and 10 demonstrate the increased sensitivity of the PEA versus the SRA, by identifying positive samples in the presence of borderline or positive IgG PF4 and negative SRA results.

Be confident in diagnosing HIT. Versiti's Platelet and Neutrophil Immunology Laboratory has more than 25 years of experience performing advanced testing for HIT and is pleased to be on the forefront of supporting patient care with the PEA.

Learn more at [Versiti.org/PEA](https://www.versiti.org/PEA)

