Stability of Kit Reagents

When customers obtain unexpected or failed results it is common for them speculate that it is either some manufacturing or stability problem. We have many years of experience in the manufacture and quality control of these kits. In addition, we have successfully invested much effort to enhance stability of ELISA reagents. The claims we make for shelf life in the form of expiration dates and the recommended customer storage conditions at 2-8°C are very conservative given that we typically have real time and elevated temperature data supporting even longer shelf life. Furthermore, the formulations of our reagents allow for prolonged storage at elevated temperatures and thus assure that problems such as summertime temperatures or delays in shipping or refrigeration at customer location will not cause significant deterioration in the kits. For these reasons, when you are experiencing problems with your results we suggest that you look to other potential causes first and not consume your limited kit reagents in trying to determine that instability was the problem.

We have found that a good method to determine the source of laboratory problems is to have another technician experienced in ELISA or an associate laboratory run the assay using different equipment. This will probably identify the problem therefore, avoiding costly utilization of kits and technician time.