

ABSTRACT

Embodiments described herein relate to compounds for the detection of wounds, e.g., chronic wounds or infected wounds, including compositions, substrates, kits, dressing materials, and articles, and systems containing such compounds. Further embodiments relate to methods of using these compositions, kits and systems in diagnostic assays, and in the diagnosis and/or detection of chronic or infected wounds based on enzymatic conversion of specific substrates which are contained in the compositions. Additional embodiments relate to methods of characterizing wounds based on expression of a plurality of markers and using such information to treat, manage, and follow-up patients suffering from chronic or infected wounds.

[FIGURE 14]