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(54) Title: ASPARAGINYL PEPTIDE LIGASE-MEDIATED RADIOLABELLING OF SINGLE-DOMAIN ANTIBODIES

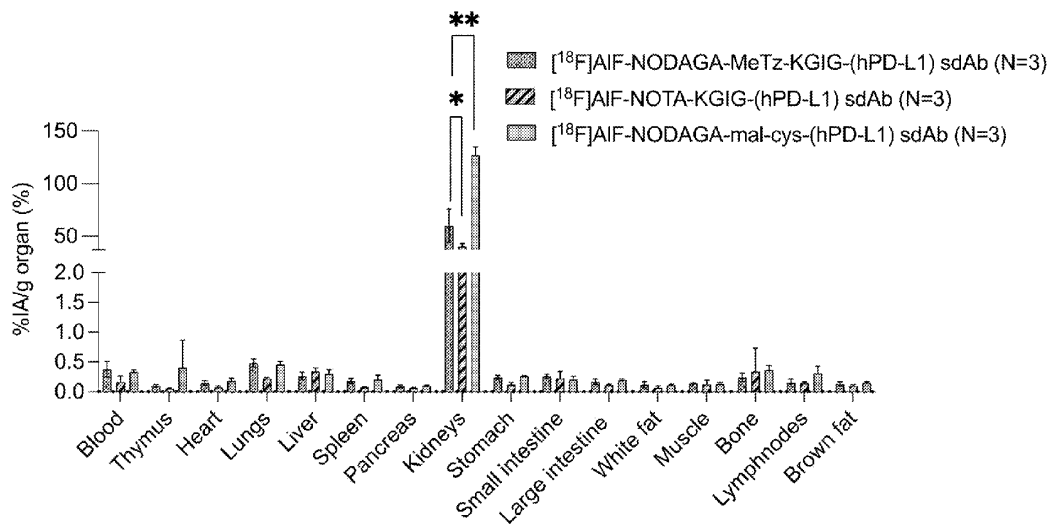


FIG. 15

(57) Abstract: The invention generally relates to the field of radiochemistry. In particular, the present invention provides an asparaginyl peptide ligase (PAL)-mediated method of producing site- specifically radiolabeled single-domain antibody (sdAb) tracers, optionally in the presence of a glutaminyl cyclase (QC). The radiolabelled sdAb tracers prepared by the method of the present invention provide enhanced characteristics and are suitable for use in diagnosis, in surgery, in treatment, in therapy monitoring, and as an imaging agent.

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