



**Figure 23.** Expression of GFP in pITB239-GFP, Ferritin in pET14b-Fe (Figure 5) and GUS gene in pET14b-GUS (Figure 1) in *E. coli*.

- A. Green fluorescence in *E. coli* (DH5) carrying pITB239-GFP under UV light (left) and normal light (right).
- B. The colonies that were showing fluorescence (from A) were streaked on a new petri plate also showed fluorescence under UV light (left) and normal light (right). This result confirmed the correct cloning and expression of GFP in pITB239.
- C. Protein marker (BioRad low range).
- D. Expression of Ferritin gene in *E. coli* BL21 (DE3). Lane1: Uninduced; Lane2: Induced by 0.4mM IPTG; M: Protein marker.
- E. Expression of GUS gene in *E. coli* BL21 (DE3). Lane1: uninduced; Lane 2: Induced by 0.4 mM IPTG.